

Life Is On

Schneider
Electric



 Price List

Industrial Automation Products

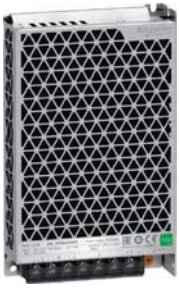
With effect from January 17th, 2024



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Panel Mount EasySeries



- Wide power range (7 models from 35 to 350 W)
- High degree of output voltage stability (precision: ± 1%)
- Proven performance (MTBF over 600K hours)
- Diagnostics via LEDs at the output terminal
- 4 quick and simple mounting types

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|-----------------------------|----------------|----------------|---------------|---|--------------|
| 100...240 V AC single phase | 24V | 1.5A | ABL2REM24015K | ABL2_K Power Supply, DC24V output, 35W | 2669 |
| 100...240 V AC single phase | 24V | 2A | ABL2REM24020K | ABL2_K Power Supply, DC24V output, 50W | 2959 |
| 100...240 V AC single phase | 24V | 4.5A | ABL2REM24045K | ABL2_K Power Supply, DC24V output, 100W | 4382 |
| 100...240 V AC single phase | 24V | 6.5A | ABL2REM24065K | ABL2_K Power Supply, DC24V output, 150W | 5287 |
| 100...240 V AC single phase | 24V | 8.5A | ABL2REM24085K | ABL2_K Power Supply, DC24V output, 200W | 7011 |
| 100...240 V AC single phase | 24V | 10A | ABL2REM24100K | ABL2_K Power Supply, DC24V output, 250W | 8019 |
| 100...240 V AC single phase | 24V | 15A | ABL2REM24150K | ABL2_K Power Supply, DC24V output, 350W | 13076 |

Panel Mount - ABLP



- Multiple mounting positions
- Din rail mounting with accessory
- IEC 61000-3-2 compliant (EMC emissions)
- Output voltage adjustment
- 100-240 Vac Input

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|-----------------------------|----------------|----------------|-------------|---|--------------|
| 100...240 V AC single phase | 12V | 8.5A | ABLP1A12085 | Power Supply 12V 8.5A Panel Mount, 100W | 8451 |
| 100...240 V AC single phase | 24V | 4.5A | ABLP1A24045 | Power Supply 24V 4.5A Panel Mount, 100W | 7748 |
| 100...240 V AC single phase | 24V | 6.2A | ABLP1A24062 | Power Supply 24V 6.2A Panel Mount, 150W | 11043 |
| 100...240 V AC single phase | 24V | 10A | ABLP1A24100 | Power Supply 24V 10A Panel Mount, 240W | 15212 |

Modular ABLM



- Mounting on panel with screw without additional part
- Up to +70°C operating
- Direct access to the documentation
- Over voltage Category III
- Compact size

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|-----------------------------|----------------|----------------|-------------|------------------------------------|--------------|
| 100...240 V AC single phase | 5V | 3.6A | ABLM1A05036 | Power Supply 5V 3.6A Modular, 18W | 7742 |
| 100...240 V AC single phase | 12V | 1A | ABLM1A12010 | Power Supply 12V 1A Modular, 12W | 5509 |
| 100...240 V AC single phase | 12V | 2.1A | ABLM1A12021 | Power Supply 12V 2.1A Modular, 25W | 7742 |
| 100...240 V AC single phase | 12V | 4.2A | ABLM1A12042 | Power Supply 12V 4.2A Modular, 50W | 10229 |
| 100...240 V AC single phase | 24V | 0.4A | ABLM1A24004 | Power Supply 24V 0.4A Modular, 10W | 4631 |
| 100...240 V AC single phase | 24V | 0.6A | ABLM1A24006 | Power Supply 24V 0.6A Modular, 15W | 5668 |
| 100...240 V AC single phase | 24V | 1.2A | ABLM1A24012 | Power Supply 24V 1.2A Modular, 30W | 7742 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Optimized ABL5



- 3 housings, select the best suited to the space
- Up to 6 output terminals
- Output voltage adjustment
- Direct access to the documentation
- 100-240 Vac Input

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|-----------------------------|----------------|----------------|-------------|--|--------------|
| 100...240 V AC single phase | 12V | 6.2A | ABLS1A12062 | Power Supply 12V 6.2A Optimized, 75W | 8685 |
| 100...240 V AC single phase | 12V | 10A | ABLS1A12100 | Power Supply 12V 10A Optimized, 120W | 13064 |
| 100...240 V AC single phase | 24V | 2.1A | ABLS1A24021 | Power Supply 24V 2.1A Optimized, 50W | 8103 |
| 100...240 V AC single phase | 24V | 3.1A | ABLS1A24031 | Power Supply 24V 3.1A Optimized, 75W | 8337 |
| 100...240 V AC single phase | 24V | 3.8A | ABLS1A24038 | Power Supply 24V 3.8A Optimized, 91.2W | 14029 |
| 100...240 V AC single phase | 24V | 5A | ABLS1A24050 | Power Supply 24V 5A Optimized, 120W | 12318 |
| 100...240 V AC single phase | 24V | 10A | ABLS1A24100 | Power Supply 24V 10A Optimized, 240W | 18041 |
| 100...240 V AC single phase | 24V | 20A | ABLS1A24200 | Power Supply 24V 20A Optimized, 480W | 32597 |
| 100...240 V AC single phase | 48V | 2.5A | ABLS1A48025 | Power Supply 48V 2.5A Optimized,120W | 13064 |

Universal ABL8RP/WP



- 100-500 Vac (1 or 2 Phases) Or 380-500Vac 3 Phases Input terminals
- Automatic or Manual reset
- 2 diagnosis LED (U/I)
- 4 to 10 mm² output terminals
- Tool-free removal from omega (DIN) rail
- Protection of settings (sealable)
- Diagnosis relay

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|---|----------------|----------------|--------------|-------------------------------------|--------------|
| 100...120 V AC single phase, terminal(s): N-L1 200...500 V AC phase to phase, terminal(s): L1-L2 | 24V | 3A | ABL8RPS24030 | Univ. Power Supply 1P 24V 3A, 72W | 17518 |
| 100...120 V AC single phase, terminal(s): N-L1 200...500 V AC phase to phase, terminal(s): L1-L2 | 24V | 5A | ABL8RPS24050 | Univ. Power Supply 1P 24V 5A, 120W | 22647 |
| 100...120 V AC single phase, terminal(s): N-L1 200...500 V AC phase to phase, terminal(s): L1-L2 | 24V | 10A | ABL8RPS24100 | Univ. Power Supply 1P 24V 10A, 240W | 25872 |
| 380...500 V AC three phase, terminal(s): L1, L2, L3 | 24V | 20A | ABL8WPS24200 | Univ. Power Supply 3P 24V 20A, 480W | 38696 |
| 380...500 V AC three phase, terminal(s): L1, L2, L3 | 24V | 40A | ABL8WPS24400 | Univ. Power Supply 3P 24V 40A, 960W | 67492 |

Accessories for ABLP

| Input Voltage | Output Voltage | Output Current | Reference | Description | Unit MRP [₹] |
|---------------|----------------|----------------|-----------|--|--------------|
| | | | ABLPA01 | Mounting Kit for Power Supply up to 150W | 1127 |
| | | | ABLPA02 | Mounting Kit for Power Supply 240W | 1127 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

ABT7 - Economy Range (Single Winding)

| Input Voltage | Output Voltage | Rated Power in VA | Reference | Unit MRP [₹] |
|---|----------------|-------------------|-------------|--------------|
| Single phase 230V 40VA - 400VA 40° C | | | | |
| 230 V AC single phase ±15 V | 24 V AC | 40 | ABT7ESM004B | 10252 |
| 230 V AC single phase ±15 V | 24 V AC | 63 | ABT7ESM006B | 7957 |
| 230 V AC single phase ±15 V | 24 V AC | 100 | ABT7ESM010B | 8524 |
| 230 V AC single phase ±15 V | 24 V AC | 160 | ABT7ESM016B | 10408 |
| 230 V AC single phase ±15 V | 24 V AC | 250 | ABT7ESM025B | 13915 |
| 230 V AC single phase ±15 V | 24 V AC | 320 | ABT7ESM032B | 17232 |
| 230 V AC single phase ±15 V | 24 V AC | 400 | ABT7ESM040B | 19232 |

ABL6 - Optimum Range (Single Winding)

| Input Voltage | Output Voltage | Rated Power in VA | Reference | Unit MRP [₹] |
|--|----------------|-------------------|--|--------------|
| Single phase 230/400V 25VA - 2500VA 50° C | | | | |
| 230/400 V single phase ±15 V | 24 V AC | 25 | ABL6TS02B | 9974 |
| 230/400 V single phase ±15 V | 24 V AC | 40 | ABL6TS04B | 9496 |
| 230/400 V single phase ±15 V | 24 V AC | 63 | ABL6TS06B | 9765 |
| 230/400 V single phase ±15 V | 24 V AC | 100 | ABL6TS10B | 11530 |
| 230/400 V single phase ±15 V | 24 V AC | 160 | ABL6TS16B | 13293 |
| 230/400 V single phase ±15 V | 24 V AC | 250 | ABL6TS25B | 17102 |
| 230/400 V single phase ±15 V | 24 V AC | 400 | ABL6TS40B | 24565 |
| 230/400 V single phase ±15 V | 24 V AC | 630 | ABL6TS63B | 34113 |
| 230/400 V single phase ±15 V | 24 V AC | 1000 | ABL6TS100B | 41909 |
| 230/400 V single phase ±15 V | 24 V AC | 1600 | ABL6TS160B | 86932 |
| 230/400 V single phase ±15 V | 24 V AC | 2500 | ABL6TS250B | 142438 |
| 230/400 V single phase ±15 V | 115 V AC | 100 | ABL6TS10G | 11445 |
| 230/400 V single phase ±15 V | 115 V AC | 160 | ABL6TS16G | 13536 |
| 230/400 V single phase ±15 V | 115 V AC | 250 | ABL6TS25G | 17237 |
| 230/400 V single phase ±15 V | 115 V AC | 400 | ABL6TS40G | 26151 |
| 230/400 V single phase ±15 V | 115 V AC | 630 | ABL6TS63G | 35092 |
| 230/400 V single phase ±15 V | 115 V AC | 1000 | ABL6TS100G | 42842 |
| 230/400 V single phase ±15 V | 115 V AC | 1600 | ABL6TS160G | 76352 |
| 230/400 V single phase ±15 V | 115 V AC | 2500 | ABL6TS250G | 124882 |
| 230/400 V single phase ±15 V | 230 V AC | 25 | ABL6TS02U | 9496 |
| 230/400 V single phase ±15 V | 230 V AC | 40 | ABL6TS04U | 9958 |
| 230/400 V single phase ±15 V | 230 V AC | 63 | ABL6TS06U | 10301 |
| 230/400 V single phase ±15 V | 230 V AC | 100 | ABL6TS10U | 10862 |
| 230/400 V single phase ±15 V | 230 V AC | 160 | ABL6TS16U | 13536 |
| 230/400 V single phase ±15 V | 230 V AC | 250 | ABL6TS25U | 16285 |
| 230/400 V single phase ±15 V | 230 V AC | 400 | ABL6TS40U | 25316 |
| 230/400 V single phase ±15 V | 230 V AC | 630 | ABL6TS63U | 32355 |
| 230/400 V single phase ±15 V | 230 V AC | 1000 | ABL6TS100U <input checked="" type="checkbox"/> | 44783 |
| 230/400 V single phase ±15 V | 230 V AC | 1600 | ABL6TS160U | 71634 |
| 230/400 V single phase ±15 V | 230 V AC | 2500 | ABL6TS250U | 117080 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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ABT7 - Universal Range (Double Winding)

| Input Voltage | Output Voltage | Rated Power in VA | Reference | Unit MRP ₹ |
|--|----------------|-------------------|-------------|---------------|
| Single phase 230/400V 25VA - 2500VA 60° C | | | | |
| 230/400 V single phase ±15 V | 24/48 V AC | 40 | ABT7PDU004B | 12537 |
| 230/400 V single phase ±15 V | 24/48 V AC | 63 | ABT7PDU006B | 12888 |
| 230/400 V single phase ±15 V | 24/48 V AC | 250 | ABT7PDU025B | 20367 |
| 230/400 V single phase ±15 V | 24/48 V AC | 400 | ABT7PDU040B | 25330 |
| 230/400 V single phase ±15 V | 24/48 V AC | 630 | ABT7PDU063B | 38183 |
| 230/400 V single phase ±15 V | 115/230 V AC | 40 | ABT7PDU004G | 11804 |
| 230/400 V single phase ±15 V | 115/230 V AC | 100 | ABT7PDU010G | 13053 |
| 230/400 V single phase ±15 V | 115/230 V AC | 160 | ABT7PDU016G | 14678 |
| 230/400 V single phase ±15 V | 115/230 V AC | 250 | ABT7PDU025G | 20643 |
| 230/400 V single phase ±15 V | 115/230 V AC | 400 | ABT7PDU040G | 23074 |
| 230/400 V single phase ±15 V | 115/230 V AC | 630 | ABT7PDU063G | 38220 |
| 230/400 V single phase ±15 V | 115/230 V AC | 1000 | ABT7PDU100G | 45990 |
| 230/400 V single phase ±15 V | 115/230 V AC | 1600 | ABT7PDU160G | 73850 |
| 230/400 V single phase ±15 V | 115/230 V AC | 2500 | ABT7PDU250G | 123650 |
| 230/400 V single phase ±15 V | 115/230 V AC | 25 | ABT7PDU002B | 13797 |
| 230/400 V single phase ±15 V | 115/230 V AC | 100 | ABT7PDU010B | 14196 |
| 230/400 V single phase ±15 V | 115/230 V AC | 160 | ABT7PDU016B | 17972 |
| 230/400 V single phase ±15 V | 115/230 V AC | 1000 | ABT7PDU100B | 50722 |
| 230/400 V single phase ±15 V | 115/230 V AC | 1600 | ABT7PDU160B | 83898 |
| 230/400 V single phase ±15 V | 115/230 V AC | 2500 | ABT7PDU250B | 135977 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Zelio 2 compact smart relay with display



Zelio 2 compact smart relay without display



Zelio 2 modular smart relay with display

Relays

| Description | Reference | Unit MRP [₹] |
|--|---|--------------|
| Voltage 24V DC | | |
| Zelio Logic module - 10 I O, RLY - w/o clock - with display | SR2A101BD <input checked="" type="checkbox"/> | 17653 |
| Zelio Logic module - 20 I O, RLY - w/o clock - with display | SR2A201BD <input checked="" type="checkbox"/> | 28817 |
| Zelio Logic module - 12 I O, TRN - with clock - with display | SR2B121BD <input checked="" type="checkbox"/> | 16144 |
| Zelio Logic module - 12 I O, TRN - with clock - with display | SR2B122BD | 24215 |
| Zelio Logic module - 20 I O, RLY - with clock - with display | SR2B201BD <input checked="" type="checkbox"/> | 32061 |
| Zelio Logic module - 20 I O, RLY - with clock - with display | SR2B202BD | 33343 |
| Zelio Logic module - 10 I O, RLY - w/o clock - w/o display | SR2D101BD <input checked="" type="checkbox"/> | 12891 |
| Zelio Logic module - 20 I O, RLY - w/o clock - w/o display | SR2D201BD <input checked="" type="checkbox"/> | 25875 |
| Zelio Logic module - 12 I O, RLY - with clock - w/o display | SR2E121BD | 16595 |
| Zelio Logic module - 20 I O, RLY - with clock - w/o display | SR2E201BD | 30054 |
| Zelio Logic module - 10 I O, RLY - with clock - with display | SR3B101BD | 19463 |
| Zelio Logic module - 10 I O, TRN - with clock - with display | SR3B102BD | 17955 |
| Zelio Logic module - 26 I O, RLY - with clock - with display | SR3B261BD <input checked="" type="checkbox"/> | 40433 |
| Zelio Logic module - 26 I O, TRN - with clock - with display | SR3B262BD | 40509 |
| Voltage 100-240V AC | | |
| Zelio Logic module - 10 I O, RLY - w/o clock - with display | SR2A101FU <input checked="" type="checkbox"/> | 19990 |
| Zelio Logic module - 20 I O, RLY - w/o clock - with display | SR2A201FU <input checked="" type="checkbox"/> | 29646 |
| Zelio Logic module - 12 I O, RLY - with clock - with display | SR2B121FU <input checked="" type="checkbox"/> | 19839 |
| Zelio Logic module - 20 I O, RLY - with clock - with display | SR2B201FU <input checked="" type="checkbox"/> | 32967 |
| Zelio Logic module - 10 I O, RLY - w/o clock - w/o display | SR2D101FU | 13799 |
| Zelio Logic module - 20 I O, RLY - w/o clock - w/o display | SR2D201FU | 29260 |
| Zelio Logic module - 12 I O, RLY - with clock - w/o display | SR2E121FU | 17484 |
| Zelio Logic module - 20 I O, RLY - with clock - w/o display | SR2E201FU | 34631 |
| Zelio Logic module - 10 I O, RLY - with clock - with display | SR3B101FU | 20951 |
| Zelio Logic module - 26 I O, RLY - with clock - with display | SR3B261FU <input checked="" type="checkbox"/> | 41790 |
| Voltage 12V DC | | |
| Zelio Logic module - 12 I O - with clock - with display | SR2B121JD | 20746 |
| Zelio Logic module - 20 I O - with clock - with display | SR2B201JD | 25284 |
| Voltage 24V AC | | |
| Zelio Logic module - 12 I O - with clock - with display | SR2B121B | 20746 |
| Zelio Logic module - 20 I O - with clock - with display | SR2B201B | 38002 |
| Zelio Logic module - 20 I O - with clock - w/o display | SR2E201B | 30200 |
| Zelio Logic module - 10 I O - with clock - with display | SR3B101B | 22224 |
| Zelio Logic module - 24 I O - with clock - with display | SR3B261B | 44130 |

Note: Zelio Smart Relays are also available in other voltages. Please contact our nearest Sales Office for the same.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



I/O Extension module

I/O Extension modules

| Description | Reference | Unit MRP [€] |
|---|--|-----------------|
| Discrete I/O extension module - 6 I O 4DI, 2DO - 24 V DC | SR3XT61BD | 7950 |
| Discrete I/O extension module - 6 I O 4DI, 2DO | SR3XT61FU | 7840 |
| Discrete I/O extension module - 10 I O 6DI, 4DO - 24 V DC | SR3XT101BD <input checked="" type="checkbox"/> | 8548 |
| Discrete I/O extension module - 10 I O 6DI, 4DO | SR3XT101FU | 10360 |
| Discrete I/O extension module - 14 I O 8DI, 6DO - 24 V AC | SR3XT141B | 17231 |
| Discrete I/O extension module - 14 I O 8DI, 6DO - 24 V DC | SR3XT141BD <input checked="" type="checkbox"/> | 11790 |
| Discrete I/O extension module - 14 I O 8DI, 6DO | SR3XT141FU | 12529 |
| Analogue I/O extension module - 2 AI/ 2AO | SR3XT43BD | 18887 |

Accessories

| Description | Reference | Unit MRP [€] |
|---|--|-----------------|
| SUB-D 9-pin PC connecting cable - 3 m | SR2CBL01 <input checked="" type="checkbox"/> | 12986 |
| SUB-D 9-pin modem connecting cable - 0.5 m | SR2CBL07 <input checked="" type="checkbox"/> | 31983 |
| communication interface | SR2COM01 | 22644 |
| documentation - programming on the smart relay - EN | SR2MAN01EN | 4639 |
| memory cartridge firmware - up to v 2.4 - EEPROM | SR2MEM01 <input checked="" type="checkbox"/> | 4304 |
| memory cartridge firmware - for v 3.0 - EEPROM | SR2MEM02 <input checked="" type="checkbox"/> | 3179 |
| modem interface - analog PSTN | SR2MOD01 | 96596 |
| modem interface - GSM | SR2MOD02 | 66265 |
| programming software "Zelio Soft 2" multilingual - CD-ROM | SR2SFT01 | 4969 |
| USB PC connecting cable - 3 m | SR2USB01 <input checked="" type="checkbox"/> | 16156 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024









Altivar™ AC Drives

Advanced energy management
and performance in motor control

Variable Speed Drives


Process

| | |
|---|--|
|  Mining, Minerals & Metals |  Marine |
|  Food & Beverage |  Water & Wastewater |
|  Oil & Gas |  Power Plants |


Fluid Management

Altivar Process 600

Wall Mounting
0.75...315 kW
200...690 V




Cabinet Integration
0.75...2600 kW
380...690 V




Industrial Processes

Altivar Process 900






Wall Mounting
0.75...315 kW
200...690 V



Cabinet Integration
0.75...2600 kW
380...690 V




Machines

| | |
|--|---|
|  Hoisting |  Material Handling |
|  Textile |  Material Working |
|  Packaging | |

Commercial Equipment

Altivar 12


0.18...4 kW
100...240 V






Basic Machines

Altivar 310




IP20
0.75 to 22 kW
380...460 V



Simple & Advanced Machines

| | |
|---|---|
| <p>Altivar 320B/C</p> <p>Book/compact format 0.18...15 kW 200...600 V</p>  | <p>Altivar340</p> <p>Book/compact format 0.75...75 kW 380...480 V</p>  |
| <p>Altivar 320W</p> <p>Harsh environment IP65/66 0.18...7.5 kW 380...480 V</p>  | |


Building

| | |
|--|--|
|  Pumps |  Lift |
|  Fans & Compressors | |


HVAC & Pumps

Altivar 212

IP21
0.75...75 kW
200...480 V




IP55
0.75...75 kW
380...480 V



Utilities



Altivar 610

0.75...160 kW
380...460 V



Soft Starters

Simple Machines

| | |
|--|--|
| <p>Altistart 01</p> <p>3...85 A 110...480 V</p>  | <p>Altivar Soft Starter ATS130</p> <p>38...105 A 200...480 V</p>  <p>Coming Soon</p> |
|--|--|

Industrial Processes & Utility

| | |
|--|--|
| <p>Altistart 22</p> <p>17...590 A 208...600 V</p>  | <p>Altivar Soft Starter ATS480</p> <p>208 to 690V 17 to 1700A</p>  |
|--|--|

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



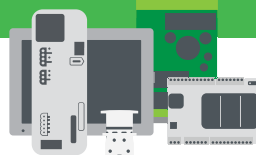
Altivar™ Easy 310

Drives for Simple Machines

Now available upto 22kW

Reliable & cost effective solution to manage the speed of your motors in your machines.

se.com/drives



*When just enough
is just right!*



General Purpose Drives

Altivar™ 12: Drives for 1-Phase / 3-Phase 230 Volts Input & 3-Phase 230 Volts Output



- Small: easily integrated in any machine
- Discreet & Intuitive
- Reliable: quality which stands the test of time
- High-performance: even without adjustment

| kW (HD) | HP Rating | Max. continuous current(A) | Reference | Unit MRP [₹] |
|--|-----------|----------------------------|-------------|--------------|
| Single phase-Supply Voltage: 200...240V | | | | |
| 0.18 | 0.25 | 1.4 | ATV12H018M2 | On Request |
| 0.37 | 0.55 | 2.4 | ATV12H037M2 | On Request |
| 0.55 | 0.75 | 3.5 | ATV12H055M2 | On Request |
| 0.75 | 1 | 4.2 | ATV12H075M2 | On Request |
| 1.5 | 2 | 7.5 | ATV12HU15M2 | On Request |
| 2.2 | 3 | 10 | ATV12HU22M2 | On Request |
| Three phase-Supply Voltage: 200...240V | | | | |
| 0.37 | 0.55 | 2.4 | ATV12H037M3 | On Request |
| 0.75 | 1 | 4.2 | ATV12H075M3 | On Request |
| 1.5 | 2 | 7.5 | ATV12HU15M3 | On Request |
| 2.2 | 3 | 10 | ATV12HU22M3 | On Request |
| 3 | ~ | 12.2 | ATV12HU30M3 | On Request |
| 4 | 5 | 16.7 | ATV12HU40M3 | On Request |

Altivar™ 310: Drives for 3-Phase 440 Volts Input & 3-Phase 440 Volts Output



- Optimized installation space & Optimized time and cost
- Service cost savings
- Easy to operate
- Easy to maintain & Easy to integrate in automation system
- 55deg Celsius ambient temperature without derating

| ND | KW | | Max. Continuous Current (A) | | Reference | Unit MRP [₹] |
|-----|------|------|-----------------------------|----|----------------|--------------|
| | HD | ND | HD | ND | | |
| ~ | 0.37 | ~ | 1.5 | ~ | ATV310H037N4E | On Request |
| ~ | 0.75 | ~ | 2.3 | ~ | ATV310H075N4E | On Request |
| ~ | 1.5 | ~ | 4.1 | ~ | ATV310HU15N4E | On Request |
| ~ | 2.2 | ~ | 5.5 | ~ | ATV310HU22N4E | On Request |
| 4 | 3 | 8.9 | 7.1 | ~ | ATV310HU30N4E | On Request |
| 5.5 | 4 | 12.1 | 9.5 | ~ | ATV310HU40N4E | On Request |
| 7.5 | 5.5 | 16 | 12.6 | ~ | ATV310HU55N4E | On Request |
| 11 | 7.5 | 22.8 | 17 | ~ | ATV310HU75N4E | On Request |
| 15 | 11 | 30 | 24 | ~ | ATV310HD11N4E | On Request |
| 18 | 15 | 36 | 33 | ~ | ATV310HD15N4E | On Request |
| 22 | 18 | 43 | 39 | ~ | ATV310HD18N4E | On Request |
| 30 | 22 | 60 | 46 | ~ | ATV310HD22N4E | On Request |
| 18 | 15 | 36 | 33 | ~ | ATV310HD15N4EF | On Request |
| 22 | 18 | 43 | 39 | ~ | ATV310HD18N4EF | On Request |
| 30 | 22 | 60 | 46 | ~ | ATV310HD22N4EF | On Request |

*F refer to inbuilt EMC

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Automation and control made easy

Easy Altivar™ 610 variable speed drives.



Easy Altivar™ 610 variable speed drives for three-phase synchronous motors address the challenges faced by new economies. They are fit for purpose at affordable prices with no compromise on ease of use, robustness, and availability – the core values supported by a worldwide leader in automation.



Water & wastewater



Oil & gas



Constant, negative pressure water supply



Building



Power



Other OEM

Fit for purpose

- Optimized control system
- Multi-pump control function
- Harmonic mitigation solution

Designed for easiness

- Easy to install
- Easy to set up and use
- Easy to maintain

Strong on robustness

- Robust design for harsh environments
- Ever higher protection and performance

Always available

- Wide availability
- Worldwide technical assistance

Contact with Schneider Electric sales for country of origin.

se.com/easyaltivar610

Easy Altivar™ 610

Now available upto 460V

Main features

Power range:
0.75 to 160kW

Main voltage range:
380~460V, 3 phase, -15 to +10%

Overload capability:
ND: 110% 60s; 120% 20s;
HD: 150% 60s

EMC:
C3 level filter embedded

Harmonics:
DC choke embedded (above 4kW)

Protection:
IP20

Operation temperature:
-15°C to +60°C (derating above
+45°C)

Motor control law:
Asy motor: V/f 2 pts; V/f 5 pts;
UF quad; energy saving



Control I/O

Control terminal:

- Analog input: 3
- Analog output: 2
- Digital input: 6
- Relay output: 3

Communication:

- Modbus embedded;
- option: Profibus DP



Display terminal

Basic keypad (standard)

- LCD backlight, removable
- 2 lines, 6 languages
- Configuration save
- Easy mounting kit (Ø22mm)



For more information and product references visit

se.com/easyaltivar610

Altivar™ 610: Drives for pumps and fans from 0.75 to 160 kW

Now available upto 460V



- Compact size: simplicity of integration and reduction of the size of the enclosures
- Electronic cards with protective coating
- Operation temperature: -10...+60°C
- IP40 protection level on the top of the product
- Typical multi-pump configuration without PLC
- 7 preprogrammed function blocks cover 90% of the pump and fan applications
- Colored control circuit terminals to avoid misuse

| ND | kW | | Max. continuous current(A) | | Reference | Unit MRP [₹] |
|---|----|------|----------------------------|------|-------------|--------------|
| | ND | HD | ND | HD | | |
| Three phase-Supply Voltage: 380...460V | | | | | | |
| 4 | | 3 | 9.3 | 7.2 | ATV610U40N4 | On Request |
| 5.5 | | 4 | 12.7 | 9.3 | ATV610U55N4 | On Request |
| 7.5 | | 5.5 | 15.8 | 12.7 | ATV610U75N4 | On Request |
| 11 | | 7.5 | 23.5 | 16.5 | ATV610D11N4 | On Request |
| 15 | | 11 | 31.7 | 23.5 | ATV610D15N4 | On Request |
| 18.5 | | 15 | 39.2 | 31.7 | ATV610D18N4 | On Request |
| 22 | | 18.5 | 46.3 | 39.2 | ATV610D22N4 | On Request |
| 30 | | 22 | 61.5 | 46.3 | ATV610D30N4 | On Request |
| 37 | | 30 | 74.5 | 59.6 | ATV610D37N4 | On Request |
| 45 | | 37 | 88 | 74.5 | ATV610D45N4 | On Request |
| 55 | | 45 | 106 | 88 | ATV610D55N4 | On Request |
| 75 | | 55 | 145 | 106 | ATV610D75N4 | On Request |
| 90 | | 75 | 173 | 145 | ATV610D90N4 | On Request |
| 110 | | 90 | 211 | 173 | ATV610C11N4 | On Request |
| 132 | | 110 | 250 | 211 | ATV610C13N4 | On Request |
| 160 | | 132 | 302 | 250 | ATV610C16N4 | On Request |

Altivar™ 212: Drives for HVAC, 3-phase asynchronous motors

from 0.75 to 75 kW



- Embedded communication Modbus, Apogee FLN P1, Metasys N2, BacNet
- More Friendly simplicity & comfort with Universal Graphic Keypad
- Low Harmonics Emissions: Low THDI = 30%
- EMC Immunity Protection & Noise reductions
- AHRI Approved
- N4Z without display, VW3A1111 advance display to be ordered separately

| kW | Max. continuous current(A) | | Reference | Unit MRP [₹] |
|---|----------------------------|------|--------------|--------------|
| Three phase-Supply Voltage: 380...480V | | | | |
| 0.75 | | 2.2 | ATV212H075N4 | On Request |
| 1.5 | | 3.7 | ATV212HU15N4 | On Request |
| 2.2 | | 5.1 | ATV212HU22N4 | On Request |
| 3 | | 7.2 | ATV212HU30N4 | On Request |
| 4 | | 9.1 | ATV212HU40N4 | On Request |
| 5.5 | | 12 | ATV212HU55N4 | On Request |
| 7.5 | | 16 | ATV212HU75N4 | On Request |
| 11 | | 22.5 | ATV212HD11N4 | On Request |
| 15 | | 30.5 | ATV212HD15N4 | On Request |
| 18.5 | | 37 | ATV212HD18N4 | On Request |
| 22 | | 43.5 | ATV212HD22N4 | On Request |
| 30 | | 58.5 | ATV212HD30N4 | On Request |
| 37 | | 79 | ATV212HD37N4 | On Request |
| 45 | | 94 | ATV212HD45N4 | On Request |
| 55 | | 116 | ATV212HD55N4 | On Request |
| 75 | | 160 | ATV212HD75N4 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

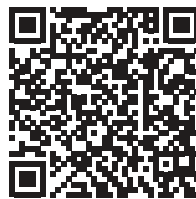
NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Machine Drives

Altivar™ 320: Drives for synchronous and asynchronous motors from 0.18 to 15 kW (0.25 to 20 Hp)

Altivar™ 320 Power extension



Product selector for ATV320



EcoStruxure™ Motor Control Configurator



EcoStruxure™ Motor Management Design

- Cost Saving: Optimized Space and Time
- Solution Oriented: ATV Logic, Ready for automation integration
- Ambient temperature: 50deg C w/o deration
- Safety embedded as standard (STO SIL3)
- Possibility to connect a graphic terminal as option (Basic & Advanced)
- Modbus & Can Open as standard
- Protection against harsh environment 3C3 class

| kW | Max. continuous current(A) | Reference | Unit MRP [€] |
|---|----------------------------|---------------|--------------|
| Single phase-Supply Voltage: 200...240V | | | |
| 0.18 | 1.5 | ATV320U02M2C | On Request |
| 0.37 | 3.3 | ATV320U04M2C | On Request |
| 0.55 | 3.7 | ATV320U06M2C | On Request |
| 0.75 | 4.8 | ATV320U07M2C | On Request |
| 1.1 | 6.9 | ATV320U11M2C | On Request |
| 1.5 | 8 | ATV320U15M2C | On Request |
| 2.2 | 11 | ATV320U22M2C | On Request |
| Three phase-Supply Voltage: 200...240V | | | |
| 1.5 | 8 | ATV320U15M3C | On Request |
| 4 | 17.5 | ATV320U40M3C | On Request |
| 5.5 | 27.5 | ATV320U55M3C | On Request |
| 7.5 | 33 | ATV320U75M3C | On Request |
| 11 | 54 | ATV320D11M3C | On Request |
| 15 | 66 | ATV320D15M3C | On Request |
| Three phase-Supply Voltage: 380...500V (COMPACT) | | | |
| 0.37 | 1.5 | ATV320U04N4C | On Request |
| 0.55 | 1.9 | ATV320U06N4C | On Request |
| 0.75 | 2.3 | ATV320U07N4C | On Request |
| 1.1 | 3 | ATV320U11N4C | On Request |
| 1.5 | 4.1 | ATV320U15N4C | On Request |
| 2.2 | 5.5 | ATV320U22N4C | On Request |
| 3 | 7.1 | ATV320U30N4C | On Request |
| 4 | 9.5 | ATV320U40N4C | On Request |
| 5.5 | 14.3 | ATV320U55N4C | On Request |
| 7.5 | 17 | ATV320U75N4C | On Request |
| 11 | 27.7 | ATV320D11N4C | On Request |
| 15 | 33 | ATV320D15N4C | On Request |
| Three phase-Supply Voltage: 380...500V (BOOK) | | | |
| 0.4 | 1.5 | ATV320U04N4B | On Request |
| 0.6 | 1.9 | ATV320U06N4B | On Request |
| 0.8 | 2.3 | ATV320U07N4B | On Request |
| 1.1 | 3 | ATV320U11N4B | On Request |
| 1.5 | 4.1 | ATV320U15N4B | On Request |
| 2.2 | 5.5 | ATV320U22N4B | On Request |
| 3 | 7.1 | ATV320U30N4B | On Request |
| 4 | 9.5 | ATV320U40N4B | On Request |
| 5.5 | 14.3 | ATV320U55N4B | On Request |
| 7.5 | 17 | ATV320U75N4B | On Request |
| 11 | 27.7 | ATV320D11N4B | On Request |
| 15 | 33 | ATV320D15N4B | On Request |
| Three phase-Supply Voltage: 380...500V, IP66 | | | |
| 0.37 | 1.5 | ATV320U04N4W* | On Request |
| 0.55 | 1.9 | ATV320U06N4W* | On Request |
| 0.75 | 2.3 | ATV320U07N4W* | On Request |
| 1.1 | 3 | ATV320U11N4W* | On Request |
| 1.5 | 4.1 | ATV320U15N4W* | On Request |
| 2.2 | 5.5 | ATV320U22N4W* | On Request |
| 3 | 7.1 | ATV320U30N4W* | On Request |
| 4 | 9.5 | ATV320U40N4W* | On Request |
| 5.5 | 14.3 | ATV320U55N4W* | On Request |
| 7.5 | 17 | ATV320U75N4W* | On Request |

Note: References ending with B are BOOK type & Reference ending with C are COMPACT type. References ending with N4W* are IP66.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Altivar™ The next SMART manufacturing era

Altivar™ Machine ATV340, innovative
variable speed drives for high-performance machines

The Altivar™ Machine ATV340* drive is robust for high overloads, offering safety, various communication protocols, and cutting-edge motor control solution for machine builders.

Traditional machine design is challenged by the smart manufacturing approach. Changing times require innovative features such as the native Ethernet based - Fast Device Replacement. It gives machine operators a seamless service approach. The embedded encoder is compatible with asynchronous and synchronous motors in closed-loop control applications and the load-sharing master/slave configuration makes ATV340 a SMART manufacturing success.

* From 1 HP to 100 HP in heavy duty with 3-phase supply voltage from 380 to 480 V.



High performance in material handling, material working and hoisting

The ATV340 improves the capabilities and availability of high-performance machines while reducing build costs thanks to:

- **Superior machine performance.** With a maximum torque availability of 1.8 In and optimized speed bandwidth of up to 400 Hz, the ATV 340 is ideal for dynamic applications with rapid acceleration. Its frequency inverters can handle high overloads in demanding applications up to 220% nominal torque.
- **Faster reaction time.** A combination of fast application reaction time with a minimum 1 ms task cycle and Ethernet connectivity maximizes your machine's throughput.
- **Simplified machine engineering.** Built-in multiprotocol (Ethernet, Modbus, SERCOS) a variety of interfaces, an embedded encoder and integrated application functions offer maximum flexibility in design. Remote monitoring via the embedded web server enables predictive maintenance. EcoStruxure™ Machine & FDR allow faulty device replacement service with short time machine recovery.
- **Reduced design time.** Complete project replication is possible with one-button auto-tuning for motor identification and supports efficient machine commissioning and production. Additionally, ready-to-use Tested, Validated, and Documented Architectures (TDVAs) and SoMachine software facilitate seamless automation integration.
- **Comprehensive functional safety and cyber security.** With embedded STO (SIL3) and a full range of safety functions (SS1, SLS, SMS, SBC, GDL), the ATV340 is compliant with machine related safety standards EN ISO 13849-1 and EN 62061. The ATV340 also has Achilles level 2 cyber-security certification to protect people and assets while ensuring continuity of service.
- **Robust.** In harsh environments with high levels of dust and vibration and operating temperatures up to 60°C. Due to high IGBT and thermal dissipation efficiency, it allows additional 40% of rated current taking motor power to 130kW under normal duty operation.

220%
Nominal torque

1 ms
Application cycle time



Modular and Ethernet version
with different application approach



Optional Safety card offers for high-end safety functions

Safe Stop 1 (SS1)
Safe Limited Speed (SLS)
Safe Maximum Speed (SMS)
Safe Brake Control (SBC)
Guard Door Lock (GDL)



High power Safety solution
(up to 75kW), Safety card and additional module support

For more information and product references visit

se.com/drives

Altivar™ 340: Drives with innovative variable speed drives for high-performance machines upto 75kW



- Reduced requirement for additional devices thanks to rich interfaces, I/Os, and PTIs/PTOs, and an embedded encoder
- 5 DI +2 (DI/DO);2 RO ;2 AI ;1 AO
- 30kW...75kW : 8 DI ;1DO ;3RO ;3AI ;2AO
- DC choke inbuilt from 30kW and above
- Heavy duty 150%In for 60sec & 180%In for 2sec
- Embedded STO SIL3
- On board A/B/I & SinCos 1Vpp encoder
- Chemical class for harsh environment 3C3
- High-speed native multi-Ethernet connectivity – real-time communication
- 1 ms application cycle time

ATV340 Modular Drive: Power & Supply Voltage: 0.75 – 22 kW & 400/480 V three phase

ATV340 Ethernet Drive(ATV340***N4E): Power & Supply Voltage: 0.75 – 75 kW & 400/480 V three phase

| ND | kW | | Max. continuous current (A) | | Reference | Unit MRP [₹] |
|---|------|----|-----------------------------|------|--------------|--------------|
| | HD | LD | ND | HD | | |
| Three phase-Supply Voltage: 380...480V (Modular) | | | | | | |
| 1.1 | 0.75 | | 2.8 | 2.2 | ATV340U07N4 | On Request |
| 2.2 | 1.5 | | 5.6 | 4 | ATV340U15N4 | On Request |
| 3 | 2.2 | | 7.2 | 5.6 | ATV340U22N4 | On Request |
| 4 | 3 | | 9.3 | 7.2 | ATV340U30N4 | On Request |
| 5.5 | 4 | | 12.7 | 9.3 | ATV340U40N4 | On Request |
| 7.5 | 5.5 | | 16.5 | 12.7 | ATV340U55N4 | On Request |
| 11 | 7.5 | | 24 | 16.5 | ATV340U75N4 | On Request |
| 15 | 11 | | 32 | 24 | ATV340D11N4 | On Request |
| 18.5 | 15 | | 39 | 32 | ATV340D15N4 | On Request |
| 22 | 18.5 | | 46 | 39 | ATV340D18N4 | On Request |
| 30 | 22 | | 62 | 46 | ATV340D22N4 | On Request |
| Three phase-Supply Voltage: 380...480V (With Ethernet) | | | | | | |
| 1.1 | 0.75 | | 2.8 | 2.2 | ATV340U07N4E | On Request |
| 2.2 | 1.5 | | 5.6 | 4 | ATV340U15N4E | On Request |
| 3 | 2.2 | | 7.2 | 5.6 | ATV340U22N4E | On Request |
| 4 | 3 | | 9.3 | 7.2 | ATV340U30N4E | On Request |
| 5.5 | 4 | | 12.7 | 9.3 | ATV340U40N4E | On Request |
| 8 | 5.5 | | 16.5 | 12.7 | ATV340U55N4E | On Request |
| 11 | 8 | | 24 | 16.5 | ATV340U75N4E | On Request |
| 15 | 11 | | 32 | 24 | ATV340D11N4E | On Request |
| 18.5 | 15 | | 39 | 32 | ATV340D15N4E | On Request |
| 22 | 18.5 | | 46 | 39 | ATV340D18N4E | On Request |
| 30 | 22 | | 62 | 46 | ATV340D22N4E | On Request |
| 37 | 30 | | 74.5 | 61.5 | ATV340D30N4E | On Request |
| 45 | 37 | | 88 | 74.5 | ATV340D37N4E | On Request |
| 55 | 45 | | 106 | 88 | ATV340D45N4E | On Request |
| 75 | 55 | | 145 | 106 | ATV340D55N4E | On Request |
| 90 | 75 | | 173 | 145 | ATV340D75N4E | On Request |

*ATV340 display is optional - VW3A1113



How do you benefit from Altivar™ Process's application expertise?



ROD PUMPS



MIXERS



HOISTING

ATV900

- DC Bus sharing and 4Q apps. using ATV980/990
- Control all types of synchronous motors as well as async. motors in open or closed loop,
- Manage master/slave apps such as conveyor with multi drive link
- Increase asset life using dedicated hoisting, PCP/ESP and rod pump applications functions

Demanding Applications



ATV600

- Monitor energy consumption, energy based KPIs with 95% accuracy
- Monitor pump operation state and efficiency (BEP)
- Control multi pump applications in WWW & F&B environments with
- Dedicated motor & asset protection functions such as pump and pipe protection

Fluid & Gas Applications



FANS



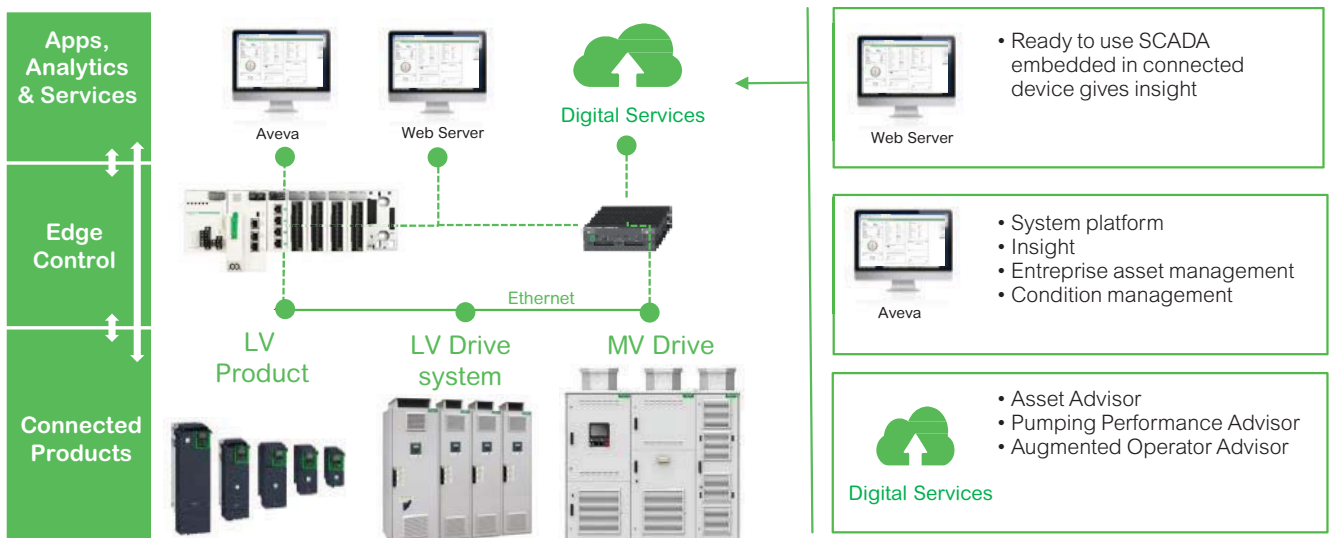
CENTRIF. PUMPS



COMPRESSORS

Motor's Data Flow within EcoStruxure

EcoStruxure™ Innovation At Every Level



Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Altivar™ Process Drives for industrial utility applications

Altivar™ process drives deliver added-value services to enable business and process optimization through improved life cycle asset management and optimized energy consumption. Designed to assist OEMs, system integrators, and industrial process owners, Altivar™ process drives improve process performance by enabling full information and operational technology convergence. Embedded PlantStruxure™ and Foxboro™ Evo architectures simplify system integration.



Water applications

- Booster pumps
- Lift station pumps
- Desalination pumps
- Water supply pumps
- Water suction pumps
- Progressing cavity pumps
- Influent and effluent pumps
- Secondary clean water pumps



Oil & Gas applications

- Rod pumps
- Feed pumps
- Pipeline, booster, and unloading pumps
- Water injection pumps
- Reciprocating and centrifugal compressors
- Progressing cavity pumps
- Electric submersible pumps



Mining & Metals applications

- Rod pumps
- Feed pumps
- Pipeline, booster, and unloading pumps
- Water injection pumps
- Reciprocating and centrifugal compressors
- Progressing cavity pumps
- Electric submersible pumps



| | Altivar 630 | Altivar 650 | Altivar 930 | Altivar 950 |
|------------------------------|--|--|---|---|
| Voltage | 480 | 480 | 480 | 480 |
| kW | 0.75 – 315 kW | 0.75 – 90 kW | 0.75 – 315 kW | 0.75 – 90 kW |
| Enclosure | UL Type 1 Heatsink kit option: 125 – 250 hp | UL Type 12 | UL Type 1 Heatsink kit option: 125 – 250 hp | UL Type 12 |
| Application functions | Multi-pump control, > 30 pump functions, fans, and simple material handling | Multi-pump control, > 30 pump functions, fans, and simple material handling | Load share, master slave, safety inputs, dynamic braking | Master slave, safety inputs, dynamic braking |
| Performance | Normal or heavy duty | Normal or heavy duty | High-torque capacity encoder options, dual Ethernet ports | High-torque capacity encoder options, dual Ethernet ports |

Contact with Schneider Electric sales for country of origin.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

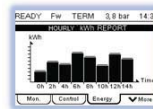
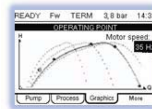
W.E.F. January 17th, 2024

Altivar™ Process ATV630 : Variable Speed IIOT Drive dedicated to process

Industry and Utilities (Pump & Fan) from 0.75 kW to 315 kW.



- Alfa-numeric and graphical display to monitor trends and values
- Inbuilt features dedicated for Pump eg. Pump Curves, Pipe fill, Anti Jam, Pipe cleaning etc
- Calculative power consumption with respect to flow (kwh/m³)
- VFD designed for 50 deg C without derating.
- In Built choke & EMC Filter
- Integrated Modbus & Modbus TCP/IP (Ethernet)
- Web server inbuilt
- Ethernet & Modbus in Built
- QR code feature in built to get documents access on line and register service request directly from QR code.



| ND | kW | | Max. continuous current (A) | | Reference | Unit MRP [₹] |
|--|------|----|-----------------------------|------|-------------|--------------|
| | ND | HD | ND | HD | | |
| Three phase-Supply Voltage:380...480V (IP21) | | | | | | |
| 0.75 | 0.37 | | 2.2 | 1.5 | ATV630U07N4 | On Request |
| 1.5 | 0.75 | | 4 | 2.2 | ATV630U15N4 | On Request |
| 2.2 | 1.5 | | 5.6 | 4 | ATV630U22N4 | On Request |
| 3 | 2.2 | | 7.2 | 5.6 | ATV630U30N4 | On Request |
| 4 | 3 | | 9.3 | 7.2 | ATV630U40N4 | On Request |
| 5.5 | 4 | | 12.7 | 9.3 | ATV630U55N4 | On Request |
| 7.5 | 5.5 | | 16.5 | 12.7 | ATV630U75N4 | On Request |
| 11 | 7.5 | | 23.5 | 16.5 | ATV630D11N4 | On Request |
| 15 | 11 | | 31.7 | 23.5 | ATV630D15N4 | On Request |
| 18.5 | 15 | | 39.2 | 31.7 | ATV630D18N4 | On Request |
| 22 | 18.5 | | 46.3 | 39.2 | ATV630D22N4 | On Request |
| 30 | 22 | | 61.5 | 46.3 | ATV630D30N4 | On Request |
| 37 | 30 | | 74.5 | 61.5 | ATV630D37N4 | On Request |
| 45 | 37 | | 88 | 74.5 | ATV630D45N4 | On Request |
| 55 | 45 | | 106 | 88 | ATV630D55N4 | On Request |
| 75 | 55 | | 145 | 106 | ATV630D75N4 | On Request |
| 90 | 75 | | 173 | 145 | ATV630D90N4 | On Request |
| 110 | 90 | | 211 | 173 | ATV630C11N4 | On Request |
| 132 | 110 | | 250 | 211 | ATV630C13N4 | On Request |
| 160 | 132 | | 302 | 250 | ATV630C16N4 | On Request |
| 220 | 160 | | 427 | 302 | ATV630C22N4 | On Request |
| 250 | 220 | | 481 | 387 | ATV630C25N4 | On Request |
| 315 | 250 | | 616 | 481 | ATV630C31N4 | On Request |
| Three phase-Supply Voltage: 380...480V (IP55) | | | | | | |
| 0.75 | 0.37 | | 2.2 | 1.5 | ATV650U07N4 | On Request |
| 1.5 | 0.75 | | 4 | 2.2 | ATV650U15N4 | On Request |
| 2.2 | 1.5 | | 5.6 | 4 | ATV650U22N4 | On Request |
| 3 | 2.2 | | 7.2 | 5.6 | ATV650U30N4 | On Request |
| 4 | 3 | | 9.3 | 7.2 | ATV650U40N4 | On Request |
| 5.5 | 4 | | 12.7 | 9.3 | ATV650U55N4 | On Request |
| 7.5 | 5.5 | | 16.5 | 12.7 | ATV650U75N4 | On Request |
| 11 | 7.5 | | 23.5 | 16.5 | ATV650D11N4 | On Request |
| 15 | 11 | | 31.7 | 23.5 | ATV650D15N4 | On Request |
| 18.5 | 15 | | 39.2 | 31.7 | ATV650D18N4 | On Request |
| 22 | 18.5 | | 46.3 | 39.2 | ATV650D22N4 | On Request |
| 30 | 22 | | 61.5 | 46.3 | ATV650D30N4 | On Request |
| 37 | 30 | | 74.5 | 61.5 | ATV650D37N4 | On Request |
| 45 | 37 | | 88 | 74.5 | ATV650D45N4 | On Request |
| 55 | 45 | | 106 | 88 | ATV650D55N4 | On Request |
| 75 | 55 | | 145 | 106 | ATV650D75N4 | On Request |
| 90 | 75 | | 173 | 145 | ATV650D90N4 | On Request |

N4Z without display, VW3A1111 advance display to be ordered separately

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Altivar™ Process ATV930: Variable speed drives dedicated to constant torque application with excellent motor control and connectivity capabilities (0.75kW to 315kW)



- Alfa-numeric and graphical display to monitor trends and values.
- Calculative power consumption with respect to flow (kwh/m³).
- VFD designed for 50 deg C without derating.
- In Built choke & EMC Filter
- Integrated Modbus & dual Ethernet port
- Web server in built
- Macro configuration of hoisting & conveyor are available
- Ethernet & Modbus in Built
- QR code feature in built to get documents access on line and register service request directly from QR code.



| ND | kW | | Max. continuous current (A) | | Reference | Unit MRP [₹] |
|--|------|------|-----------------------------|------|---------------|--------------|
| | ND | HD | ND | HD | | |
| Three phase-Supply Voltage: 380...480V (IP21) | | | | | | |
| 0.75 | 0.37 | | 2.2 | 1.5 | ATV930U07N4 | On Request |
| 1.5 | | 0.75 | 4 | 2.2 | ATV930U15N4 | On Request |
| 2.2 | | 0.75 | 5.6 | 4 | ATV930U22N4 | On Request |
| 3 | | 1.5 | 7.2 | 5.6 | ATV930U30N4 | On Request |
| 4 | | 2.2 | 9.3 | 7.2 | ATV930U40N4 | On Request |
| 5.5 | | 3 | 12.7 | 9.3 | ATV930U55N4 | On Request |
| 7.5 | | 4 | 16.5 | 12.7 | ATV930U75N4 | On Request |
| 11 | | 5.5 | 23.5 | 16.5 | ATV930D11N4 | On Request |
| 15 | | 7.5 | 31.7 | 23.5 | ATV930D15N4 | On Request |
| 18.5 | | 15 | 39.2 | 31.7 | ATV930D18N4 | On Request |
| 22 | | 18.5 | 46.3 | 39.2 | ATV930D22N4 | On Request |
| 30 | | 22 | 61.5 | 46.3 | ATV930D30N4 | On Request |
| 37 | | 30 | 74.5 | 61.5 | ATV930D37N4 | On Request |
| 45 | | 37 | 88 | 74.5 | ATV930D45N4 | On Request |
| 55 | | 45 | 106 | 88 | ATV930D55N4C* | On Request |
| 55 | | 45 | 106 | 88 | ATV930D55N4 | On Request |
| 75 | | 55 | 145 | 106 | ATV930D75N4C* | On Request |
| 75 | | 55 | 145 | 106 | ATV930D75N4 | On Request |
| 90 | | 75 | 173 | 145 | ATV930D90N4C* | On Request |
| 90 | | 75 | 173 | 145 | ATV930D90N4 | On Request |
| 110 | | 90 | 211 | 173 | ATV930C11N4C* | On Request |
| 110 | | 90 | 211 | 173 | ATV930C11N4 | On Request |
| 132 | | 110 | 250 | 211 | ATV930C13N4C* | On Request |
| 132 | | 110 | 250 | 211 | ATV930C13N4 | On Request |
| 160 | | 132 | 302 | 250 | ATV930C16N4C* | On Request |
| 160 | | 132 | 302 | 250 | ATV930C16N4 | On Request |
| 220 | | 160 | 427 | 302 | ATV930C22N4C* | On Request |
| 220 | | 160 | 427 | 302 | ATV930C22N4 | On Request |
| 250 | | 200 | 481 | 387 | ATV930C25N4C* | On Request |
| 315 | | 250 | 616 | 481 | ATV930C31N4C* | On Request |
| Three phase-Supply Voltage: 380...480V (IP55) | | | | | | |
| 0.75 | 0.37 | | 2.2 | 1.5 | ATV950U07N4 | On Request |
| 1.5 | | 0.75 | 4 | 2.2 | ATV950U15N4 | On Request |
| 2.2 | | 0.75 | 5.6 | 4 | ATV950U22N4 | On Request |
| 3 | | 1.5 | 7.2 | 5.6 | ATV950U30N4 | On Request |
| 4 | | 2.2 | 9.3 | 7.2 | ATV950U40N4 | On Request |
| 5.5 | | 3 | 12.7 | 9.3 | ATV950U55N4 | On Request |
| 7.5 | | 4 | 16.5 | 12.7 | ATV950U75N4 | On Request |
| 11 | | 5.5 | 23.5 | 16.5 | ATV950D11N4 | On Request |
| 15 | | 7.5 | 31.7 | 23.5 | ATV950D15N4 | On Request |
| 18.5 | | 15 | 39.2 | 31.7 | ATV950D18N4 | On Request |
| 22 | | 18.5 | 46.3 | 39.2 | ATV950D22N4 | On Request |
| 30 | | 22 | 61.5 | 46.3 | ATV950D30N4 | On Request |
| 37 | | 30 | 74.5 | 61.5 | ATV950D37N4 | On Request |
| 45 | | 37 | 88 | 74.5 | ATV950D45N4 | On Request |
| 55 | | 45 | 106 | 88 | ATV950D55N4 | On Request |
| 75 | | 55 | 145 | 106 | ATV950D75N4 | On Request |
| 90 | | 75 | 173 | 145 | ATV950D90N4 | On Request |

*Reference ending with 'C' is without braking unit
N4Z without display, VW3A1111 advance display to be ordered separately

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Altivar™ Process Modular ATV6XX/9XX

LV Variable Speed Drive

Altivar™ Process Modular 110kW to 1200kW, 415V & 690V
***Coming Soon upto 2.6 MW**

The Altivar™ Process is the first services-oriented Low Voltage & Medium Voltage Drives allowing End Users with its energy management services and assets management capabilities, to:

- Measure their plant's energy consumption
- Control process equipment at its best efficiency
- Implement real-time asset management and predictive maintenance
- The Altivar™ Process Modular complete the Altivar Process line-up with a solution to address high end applications.
- The Altivar™ Process Modular offer partners capability to:
 - Lower inventories mix while providing flexibility for faster deliveries.
 - Standardized design and manufacturing processes of systems drives
 - Gain efficiency in servicing endcustomer
- Available in 48% THDi or with 3-level AFE design that is lower than 3% THDi and with less stress on motorse.

Standard Offer

Drive Ratings For 380...480 V

Normal Duty - 400 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|------------|-----------------|
| | | Input Current At 400 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 (2) | ATV900 (3) | |
| ATV•A0C11Q4 | 110 | 198 | 137 | 211 | 232 | 253 | On Request |
| ATV•A0C13Q4 | 132 | 233 | 161 | 250 | 275 | 300 | On Request |
| ATV•A0C16Q4 | 160 | 278 | 193 | 302 | 332 | 362 | On Request |
| ATV•A0C20Q4 | 200 | 352 | 244 | 370 | 407 | 444 | On Request |
| ATV•A0C25Q4 | 250 | 432 | 299 | 477 | 525 | 572 | On Request |
| ATV•A0C31Q4 | 315 | 538 | 373 | 590 | 649 | 708 | On Request |
| ATV•A0C35Q4 | 355 | 611 | 423 | 660 | 726 | 792 | On Request |
| ATV•A0C40Q4 | 400 | 681 | 472 | 730 | 803 | 876 | On Request |
| ATV•A0C45Q4 | 450 | 764 | 529 | 830 | 913 | 996 | On Request |
| ATV•A0C50Q4 | 500 | 846 | 586 | 900 | 990 | 1,080 | On Request |
| ATV•A0C56Q4 | 560 | 948 | 657 | 1,020 | 1,122 | 1,224 | On Request |
| ATV•A0C63Q4 | 630 | 1,058 | 733 | 1,140 | 1,254 | 1,368 | On Request |
| ATV•A0C71Q4 | 710 | 1,192 | 826 | 1,260 | 1,386 | 1,512 | On Request |
| ATV•A0C80Q4 | 800 | 1,335 | 925 | 1,420 | 1,562 | 1,704 | On Request |
| ATV•A0M10Q4 | 1000 | 1,692 | 1172 | 1,770 | 1,947 | 2,124 | On Request |

Heavy Duty - 400 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|--------------------------------|--------|-----------------|
| | | Input Current At 400 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) (2) | | |
| | | A | kVA | A | ATV600 | ATV900 | |
| ATV•A0C11Q4 | 90 | 167 | 116 | 173 | 260 | 260 | On Request |
| ATV•A0C13Q4 | 110 | 198 | 137 | 211 | 317 | 317 | On Request |
| ATV•A0C16Q4 | 132 | 233 | 161 | 250 | 375 | 375 | On Request |
| ATV•A0C20Q4 | 160 | 290 | 201 | 302 | 453 | 453 | On Request |
| ATV•A0C25Q4 | 200 | 353 | 245 | 370 | 555 | 555 | On Request |
| ATV•A0C31Q4 | 250 | 432 | 299 | 477 | 716 | 716 | On Request |
| ATV•A0C35Q4 | 280 | 489 | 339 | 520 | 780 | 780 | On Request |
| ATV•A0C40Q4 | 315 | 545 | 378 | 590 | 885 | 885 | On Request |
| ATV•A0C45Q4 | 355 | 611 | 423 | 660 | 990 | 990 | On Request |
| ATV•A0C50Q4 | 400 | 681 | 472 | 730 | 1,095 | 1,095 | On Request |
| ATV•A0C56Q4 | 450 | 767 | 531 | 830 | 1,245 | 1,245 | On Request |
| ATV•A0C63Q4 | 500 | 849 | 588 | 900 | 1,350 | 1,350 | On Request |
| ATV•A0C71Q4 | 560 | 951 | 659 | 1,020 | 1,530 | 1,530 | On Request |
| ATV•A0C80Q4 | 630 | 1,061 | 735 | 1,140 | 1,710 | 1,710 | On Request |
| ATV•A0M10Q4 | 800 | 1,246 | 950 | 1,420 | 2,130 | 2,130 | On Request |

Normal Duty - 690 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|------------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 (2) | ATV900 (3) | |
| ATV•A0C11Q6 | 110 | 118 | 141 | 125 | 138 | 150 | On Request |
| ATV•A0C13Q6 | 132 | 138 | 165 | 145 | 160 | 174 | On Request |
| ATV•A0C16Q6 | 160 | 163 | 195 | 175 | 193 | 210 | On Request |
| ATV•A0C20Q6 | 200 | 200 | 239 | 215 | 237 | 258 | On Request |
| ATV•A0C25Q6 | 250 | 255 | 305 | 275 | 303 | 330 | On Request |
| ATV•A0C31Q6 | 315 | 316 | 378 | 340 | 374 | 408 | On Request |
| ATV•A0C40Q6 | 400 | 394 | 471 | 425 | 468 | 510 | On Request |
| ATV•A0C50Q6 | 500 | 495 | 592 | 520 | 572 | 624 | On Request |
| ATV•A0C63Q6 | 630 | 615 | 735 | 650 | 715 | 780 | On Request |
| ATV•A0C80Q6 | 800 | 776 | 927 | 830 | 913 | 996 | On Request |
| ATV•A0M10Q6 | 1,000 | 969 | 1,158 | 1,030 | 1,133 | 1,236 | On Request |
| ATV•A0M12Q6 | 1,200 | 1,161 | 1,388 | 1,230 | 1,353 | 1,476 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Heavy Duty - 690 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|--------------------------------|-------------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) (2) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•A0C11Q6 | 90 | 100 | 120 | 105 | 158 | 158 | On Request |
| ATV•A0C13Q6 | 110 | 118 | 141 | 125 | 188 | 188 | On Request |
| ATV•A0C16Q6 | 132 | 138 | 165 | 145 | 218 | 218 | On Request |
| ATV•A0C20Q6 | 160 | 163 | 195 | 175 | 263 | 263 | On Request |
| ATV•A0C25Q6 | 200 | 211 | 252 | 215 | 323 | 323 | On Request |
| ATV•A0C31Q6 | 250 | 255 | 305 | 275 | 413 | 413 | On Request |
| ATV•A0C40Q6 | 315 | 316 | 378 | 340 | 510 | 510 | On Request |
| ATV•A0C50Q6 | 400 | 401 | 479 | 425 | 638 | 638 | On Request |
| ATV•A0C63Q6 | 500 | 495 | 592 | 520 | 780 | 780 | On Request |
| ATV•A0C80Q6 | 630 | 619 | 740 | 650 | 975 | 975 | On Request |
| ATV•A0M10Q6 | 800 | 779 | 931 | 830 | 1,245 | 1,245 | On Request |
| ATV•A0M12Q6 | 1,000 | 971 | 1,160 | 1,030 | 1,545 | 1,545 | On Request |

LH/Regen offer

Normal Duty - 400 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|-----------------|-----------------|
| | | Input Current At 400 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 (2) A | ATV900 (3) A | |
| ATV•B0C11Q4 | 110 | 175 | 121 | 211 | 232 | 253 | On Request |
| ATV•B0C13Q4 | 132 | 208 | 144 | 250 | 275 | 300 | On Request |
| ATV•B0C16Q4 | 160 | 252 | 174 | 302 | 332 | 362 | On Request |
| ATV•B0C20Q4 | 200 | 313 | 217 | 370 | 407 | 444 | On Request |
| ATV•B0C25Q4 | 250 | 389 | 270 | 477 | 525 | 572 | On Request |
| ATV•B0C31Q4 | 315 | 491 | 340 | 590 | 649 | 708 | On Request |
| ATV•B0C35Q4 | 355 | 553 | 383 | 660 | 726 | 792 | On Request |
| ATV•B0C40Q4 | 400 | 620 | 429 | 730 | 803 | 876 | On Request |
| ATV•B0C45Q4 | 450 | 697 | 483 | 830 | 913 | 996 | On Request |
| ATV•B0C50Q4 | 500 | 775 | 537 | 900 | 990 | 1,080 | On Request |
| ATV•B0C56Q4 | 560 | 868 | 601 | 1,020 | 1,122 | 1,224 | On Request |
| ATV•B0C63Q4 | 630 | 971 | 673 | 1,140 | 1,254 | 1,368 | On Request |
| ATV•B0C71Q4 | 710 | 1,094 | 758 | 1,260 | 1,386 | 1,512 | On Request |
| ATV•B0C80Q4 | 800 | 1,227 | 850 | 1,420 | 1,562 | 1,704 | On Request |
| ATV•B0M10Q4 | 1000 | 1,550 | 1074 | 1,770 | 1,947 | 2,124 | On Request |

Heavy Duty - 400 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|--------------------------------|-------------|-----------------|
| | | Input Current At 400 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) (2) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•B0C11Q4 | 90 | 144 | 100 | 173 | 260 | 260 | On Request |
| ATV•B0C13Q4 | 110 | 174 | 121 | 211 | 317 | 317 | On Request |
| ATV•B0C16Q4 | 132 | 208 | 144 | 250 | 375 | 375 | On Request |
| ATV•B0C20Q4 | 160 | 252 | 174 | 302 | 453 | 453 | On Request |
| ATV•B0C25Q4 | 200 | 313 | 217 | 370 | 555 | 555 | On Request |
| ATV•B0C31Q4 | 250 | 389 | 270 | 477 | 716 | 716 | On Request |
| ATV•B0C35Q4 | 280 | 436 | 302 | 520 | 780 | 780 | On Request |
| ATV•B0C40Q4 | 315 | 491 | 340 | 590 | 885 | 885 | On Request |
| ATV•B0C45Q4 | 355 | 553 | 383 | 660 | 990 | 990 | On Request |
| ATV•B0C50Q4 | 400 | 620 | 429 | 730 | 1,095 | 1,095 | On Request |
| ATV•B0C56Q4 | 450 | 697 | 483 | 830 | 1,245 | 1,245 | On Request |
| ATV•B0C63Q4 | 500 | 775 | 537 | 900 | 1,350 | 1,350 | On Request |
| ATV•B0C71Q4 | 560 | 868 | 601 | 1,020 | 1,530 | 1,530 | On Request |
| ATV•B0C80Q4 | 630 | 971 | 673 | 1,140 | 1,710 | 1,710 | On Request |
| ATV•B0M10Q4 | 800 | 1,227 | 859 | 1,420 | 2,130 | 2,130 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

LH/Regen offer

Normal Duty - 690 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|------------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 (2) | ATV900 (3) | |
| ATV•B0C11Q6 | 110 | 102 | 122 | 125 | 138 | 150 | On Request |
| ATV•B0C13Q6 | 132 | 122 | 146 | 145 | 160 | 174 | On Request |
| ATV•B0C16Q6 | 160 | 148 | 177 | 175 | 193 | 210 | On Request |
| ATV•B0C20Q6 | 200 | 183 | 219 | 215 | 237 | 258 | On Request |
| ATV•B0C25Q6 | 250 | 228 | 273 | 275 | 303 | 330 | On Request |
| ATV•B0C31Q6 | 315 | 287 | 343 | 340 | 374 | 408 | On Request |
| ATV•B0C40Q6 | 400 | 363 | 434 | 425 | 468 | 510 | On Request |
| ATV•B0C50Q6 | 500 | 453 | 541 | 520 | 572 | 624 | On Request |
| ATV•B0C63Q6 | 630 | 568 | 678 | 650 | 715 | 780 | On Request |
| ATV•B0C80Q6 | 800 | 718 | 859 | 830 | 913 | 996 | On Request |
| ATV•B0M10Q6 | 1,000 | 898 | 1,073 | 1,030 | 1,133 | 1,236 | On Request |
| ATV•B0M12Q6 | 1,200 | 1,078 | 1,288 | 1,230 | 1,353 | 1,476 | On Request |

Heavy Duty - 690 V

| Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------|---------------------|-----------------------------|----------------|---------------------|--------------------------------|--------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) (2) | | |
| | | A | kVA | A | ATV600 | ATV900 | |
| ATV•B0C11Q6 | 90 | 85 | 101 | 105 | 158 | 158 | On Request |
| ATV•B0C13Q6 | 110 | 102 | 122 | 125 | 188 | 188 | On Request |
| ATV•B0C16Q6 | 132 | 122 | 146 | 145 | 218 | 218 | On Request |
| ATV•B0C20Q6 | 160 | 148 | 177 | 175 | 263 | 263 | On Request |
| ATV•B0C25Q6 | 200 | 183 | 219 | 215 | 323 | 323 | On Request |
| ATV•B0C31Q6 | 250 | 228 | 273 | 275 | 413 | 413 | On Request |
| ATV•B0C40Q6 | 315 | 287 | 343 | 340 | 510 | 510 | On Request |
| ATV•B0C50Q6 | 400 | 362 | 433 | 425 | 638 | 638 | On Request |
| ATV•B0C63Q6 | 500 | 453 | 541 | 520 | 780 | 780 | On Request |
| ATV•B0C80Q6 | 630 | 569 | 680 | 650 | 975 | 975 | On Request |
| ATV•B0M10Q6 | 800 | 718 | 859 | 830 | 1,245 | 1,245 | On Request |
| ATV•B0M12Q6 | 1,000 | 898 | 1,073 | 1,030 | 1,545 | 1,545 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



APM Liquid Cooled Offer

Normal Duty - 415 V

| ND Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP ₹ |
|----------------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|-------------|---------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•L0C13Q4 | 132 | 244 | 169 | 250 | 275 | 300 | On Request |
| ATV•L0C16Q4 | 160 | 287 | 199 | 302 | 332 | 362 | On Request |
| ATV•L0C20Q4 | 200 | 350 | 242 | 370 | 407 | 444 | On Request |
| ATV•L0C25Q4 | 250 | 429 | 297 | 477 | 525 | 572 | On Request |
| ATV•L0C31Q4 | 315 | 536 | 371 | 590 | 649 | 708 | On Request |
| ATV•L0C40Q4 | 400 | 684 | 474 | 730 | 803 | 876 | On Request |
| ATV•L0C50Q4 | 500 | 847 | 587 | 900 | 990 | 1080 | On Request |
| ATV•L0C63Q4 | 630 | 1056 | 732 | 1,140 | 1254 | 1,368 | On Request |
| ATV•L0C80Q4 | 800 | 1335 | 925 | 1,420 | 1562 | 1,704 | On Request |
| ATV•L0C90Q4 | 900 | 1502 | 1041 | 1,600 | 1760 | 1920 | On Request |
| ATV•L0M10Q4 | 1000 | 1669 | 1156 | 1,770 | 1947 | 2124 | On Request |
| ATV•L0M12Q4 | 1200 | 2005 | 1389 | 2,140 | 2354 | 2568 | On Request |
| ATV•L0M15Q4 | 1500 | 2513 | 1741 | 2,680 | 2948 | 3216 | On Request |
| ATV•L0M18Q4 | 1800 | 3028 | 2098 | 3,200 | 3520 | 3840 | On Request |

Heavy Duty - 415 V

| HD Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP ₹ |
|----------------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|-------------|---------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•L0C13Q4 | 110 | 210 | 145 | 211 | 317 | 317 | On Request |
| ATV•L0C16Q4 | 132 | 244 | 169 | 250 | 375 | 375 | On Request |
| ATV•L0C20Q4 | 160 | 287 | 199 | 302 | 453 | 453 | On Request |
| ATV•L0C25Q4 | 200 | 350 | 242 | 370 | 555 | 555 | On Request |
| ATV•L0C31Q4 | 250 | 429 | 297 | 477 | 716 | 716 | On Request |
| ATV•L0C40Q4 | 315 | 549 | 380 | 590 | 885 | 885 | On Request |
| ATV•L0C50Q4 | 400 | 684 | 474 | 730 | 1095 | 1095 | On Request |
| ATV•L0C63Q4 | 500 | 847 | 587 | 900 | 1350 | 1350 | On Request |
| ATV•L0C80Q4 | 630 | 1062 | 736 | 1140 | 1710 | 1710 | On Request |
| ATV•L0C90Q4 | 710 | 1188 | 823 | 1260 | 1890 | 1890 | On Request |
| ATV•L0M10Q4 | 800 | 1339 | 928 | 1420 | 2130 | 2130 | On Request |
| ATV•L0M12Q4 | 1000 | 1669 | 1156 | 1770 | 2655 | 2655 | On Request |
| ATV•L0M15Q4 | 1200 | 2005 | 1389 | 2140 | 3210 | 3210 | On Request |
| ATV•L0M18Q4 | 1400 | 2341 | 1622 | 2470 | 3705 | 3705 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Normal Duty - 690 V

| ND Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|-------------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•L0C20Q6 | 200 | 218 | 261 | 215 | 237 | 258 | On Request |
| ATV•L0C28Q6 | 280 | 290 | 347 | 308 | 339 | 370 | On Request |
| ATV•L0C31Q6 | 315 | 322 | 385 | 340 | 374 | 408 | On Request |
| ATV•L0C40Q6 | 400 | 399 | 477 | 425 | 468 | 510 | On Request |
| ATV•L0C45Q6 | 450 | 446 | 533 | 480 | 528 | 576 | On Request |
| ATV•L0C56Q6 | 560 | 563 | 673 | 590 | 649 | 708 | On Request |
| ATV•L0C71Q6 | 710 | 700 | 837 | 740 | 814 | 888 | On Request |
| ATV•L0C90Q6 | 900 | 875 | 1046 | 930 | 1023 | 1,116 | On Request |
| ATV•L0M12Q6 | 1200 | 1260 | 1506 | 1,230 | 1353 | 1,476 | On Request |
| ATV•L0M14Q6 | 1400 | 1355 | 1619 | 1,425 | 1568 | 1710 | On Request |
| ATV•L0M16Q6 | 1600 | 1547 | 1849 | 1,620 | 1782 | 1944 | On Request |
| ATV•L0M18Q6 | 1800 | 1740 | 2080 | 1,820 | 2002 | 2184 | On Request |
| ATV•L0M22Q6 | 2200 | 2120 | 2543 | 2,220 | 2442 | 2664 | On Request |
| ATV•L0M26Q6 | 2600 | 2517 | 3008 | 2,620 | 2882 | 3144 | On Request |

Heavy Duty - 690 V

| HD Modular Single Drive | Nominal Power kW | Power Part Supply | | Drive (output) | | | Unit MRP [₹] |
|----------------------------|---------------------|-----------------------------|----------------|---------------------|----------------------------|-------------|-----------------|
| | | Input Current At 690 Vac | Apparent Power | Nominal Current (1) | Max. Transient current (1) | | |
| | | A | kVA | A | ATV600 A | ATV900 A | |
| ATV•L0C20Q6 | 160 | 184 | 220 | 175 | 263 | 263 | On Request |
| ATV•L0C28Q6 | 220 | 236 | 282 | 240 | 360 | 360 | On Request |
| ATV•L0C31Q6 | 250 | 262 | 313 | 275 | 413 | 413 | On Request |
| ATV•L0C40Q6 | 315 | 322 | 385 | 340 | 510 | 510 | On Request |
| ATV•L0C45Q6 | 355 | 359 | 429 | 384 | 576 | 576 | On Request |
| ATV•L0C56Q6 | 450 | 462 | 552 | 480 | 720 | 720 | On Request |
| ATV•L0C71Q6 | 560 | 563 | 673 | 590 | 885 | 885 | On Request |
| ATV•L0C90Q6 | 710 | 700 | 837 | 740 | 1110 | 1110 | On Request |
| ATV•L0M12Q6 | 1000 | 976 | 1166 | 1030 | 1545 | 1545 | On Request |
| ATV•L0M14Q6 | 1100 | 1070 | 1279 | 1130 | 1695 | 1695 | On Request |
| ATV•L0M16Q6 | 1300 | 1262 | 1508 | 1330 | 1995 | 1995 | On Request |
| ATV•L0M18Q6 | 1400 | 1357 | 1622 | 1425 | 2138 | 2138 | On Request |
| ATV•L0M22Q6 | 1700 | 1644 | 1955 | 1720 | 2580 | 2580 | On Request |
| ATV•L0M26Q6 | 2100 | 2030 | 2426 | 2120 | 3180 | 3180 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Reduce mechanical stress on your machines

Altistart™ 01

Altivar™ ATS130




Altistart™ 22

Altivar™ Soft Starter ATS480

Complete range of soft starters from 0.37 kW (3 Amps)
to 900 kW (1200 Amps)




Altivar™ Soft Starters: 3 ranges to match your applications




Small and Simple

ATS01



Compact design for normal duty applications

ATS22



Digitally integrated for heavy duty and normal duty applications

ATS480



Process and infrastructures



Standard industrial Machines



Simple machines and HVAC

Main data on Altivar™ Soft Starters



| | | | |
|--|--|---|---|
| Us rated operational voltage | 208 to 690V | 230 to 440V 208 to 600V | 110 to 480V single phase 110 to 480V 3 phase |
| Rated operational current | 17 to 1200A | 17 to 590A | 3 to 12A (1 ph) –6 to 32A (3ph) |
| Power range | 4 to 900kW | 4 to 400kW | 0,37 to 15kW |
| UcControl supply voltage | 110 to 230Vac | 110 to 230Vac | 24V AC/DC 110-240Vac |
| Connectivity | Modbus, Modbus TCP, EtherNet/IP, Profinet, Profibus DP, CANopen | Modbus | - |
| Type of control | Torque Control, voltage control | Voltage control | Voltage ramp |
| Current limitation | 500% Ie (up to 700% rated motor current) | 350% Ie | - |
| Stop mode | Torque ramp, voltage ramp, dynamic braking, DC injection | Freewheel, voltage ramp | Freewheel, voltage ramp |
| Thermal protections Other protections | Electronic, PTC, PT100 2 or 3 wires Underload, overload, motor phase loss, line phase inversion excessive acceleration time, current overload, ground leakage | Electronic Underload, overload, motor phase loss, line phase inversion excessive acceleration time, current overload, ground leakage | - |

Soft Starter

ATS01 – Soft Starter for Simple Machine



| [Us] Rated Supply Voltage | Network Number of Phases | Motor Power kW | Starting Time | [Ie] Rated Operational Current (A) | Reference | Unit MRP [₹] |
|----------------------------|--------------------------|-----------------|--------------------------|------------------------------------|-------------|--------------|
| 380....415V 50.....60Hz | 3 | 1.5kW/2.2kW/3kW | adjustable from 1 to 10s | 6 | ATS01N206QN | On Request |
| | 3 | 4kW | adjustable from 1 to 10s | 9 | ATS01N209QN | On Request |
| | 3 | 5.5kW | adjustable from 1 to 10s | 12 | ATS01N212QN | On Request |
| | 3 | 7.5kW/11kW | adjustable from 1 to 10s | 22 | ATS01N222QN | On Request |
| | 3 | 15kW | adjustable from 1 to 10s | 32 | ATS01N232QN | On Request |

ATS130 - Power Extension of
ATS01 from 38 Amp to 105 Amp



- ATS130 Soft motor Starter solution, an alternative to DOL motor Starter for control panel flexibility
- Increase the competitiveness of customer design
 - Reduce space in cabinet
 - Save time during installation
 - Easy commissioning
- No preventive maintenance

| Nominal Power in kW | | | Nominal Current (Amps) | Reference | Unit MRP [₹] |
|---------------------|---------|---------|------------------------|---------------|--------------|
| 230 Vac | 400 Vac | 440 Vac | | | |
| 11 | 18.5 | 22 | 38 | ATS130N2D38LT | On Request |
| 11 | 22 | 22 | 45 | ATS130N2D45LT | On Request |
| 18.5 | 30 | 37 | 65 | ATS130N2D65LT | On Request |
| 22 | 37 | 45 | 73 | ATS130N2D73LT | On Request |
| 22 | 45 | 45 | 80 | ATS130N2D80LT | On Request |
| 30 | 55 | 55 | 105 | ATS130N2C11LT | On Request |

ATS22 - Soft Starter for Utilities (Pump & fan)



- Embedded shorting contactor
- Size reduction: average of 25% less compare to ATS48 alone (without additional by-pass)
- Full starter and motor protections
- True three phases control
- Modbus in Built

| kW (400 V) | Nominal Current (Amps) | Reference | Unit MRP [₹] |
|--|------------------------|-----------|--------------|
| Three phase-Supply Voltage: 230V...440V | | | |
| 7.5 | 17 | ATS22D17Q | On Request |
| 15 | 32 | ATS22D32Q | On Request |
| 22 | 47 | ATS22D47Q | On Request |
| 30 | 62 | ATS22D62Q | On Request |
| 37 | 75 | ATS22D75Q | On Request |
| 45 | 88 | ATS22D88Q | On Request |
| 55 | 110 | ATS22C11Q | On Request |
| 75 | 140 | ATS22C14Q | On Request |
| 90 | 170 | ATS22C17Q | On Request |
| 110 | 210 | ATS22C21Q | On Request |
| 132 | 250 | ATS22C25Q | On Request |
| 160 | 320 | ATS22C32Q | On Request |
| 220 | 410 | ATS22C41Q | On Request |
| 250 | 480 | ATS22C48Q | On Request |
| 315 | 590 | ATS22C59Q | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Altivar™ Soft Starter ATS480



The Altivar™ Soft Starter ATS480 is the next evolution of soft starters for digitization, while meeting cybersecurity standard. Designed to address process and infrastructures, ATS480 simplifies projects execution and maximizes the availability of your applications, even in the most demanding environments.

ATS480 builds on the proven robustness and stop/ starting performance of the ATS48.

ATS480 extends the lifetime of ATS48 equipment and preserves your initial investment by reusing current design.

Benefits

Reduced engineering time and cost

- The integration of Altivar Soft Starter ATS480 in EcoStruxure™ Apps and software for Automation and Power drastically simplify architecture selection, detailed design and execution.

Reliability for your operations

- Highly robust and reliable even for the most demanding applications or in harsh environments
- Flexibility to improve the continuity of service of your applications

Cybersecure

- User account management to enforce authorization
- ATS480 has enhance cybersecurity features built-in to restrict or disable port and services
- Threat intelligence to generate security related reports
- Secure boot and firmware upgrade

Complete solution for Process & Infrastructures projects



Only 1 range 208/690 V from 4 to 900kW



Options and accessories common to Altivar™

| Altivar " Soft Starter ATS480 characteristics | |
|---|---|
| Us Rated operational voltage | 208 to 690V |
| Ie rated operational current | 17 to 1700A |
| Pe Power range | 4 to 900kW |
| Application type | Normal and heavy duty |
| Control Type | Torque control, the original |
| Current limitation | 500% Ie up to 700% motor In |
| Stop mode | Torque ramp, dynamic braking, DC injection |
| Motor thermal protection | Embedded electronic thermal relay, PTC, PT100 |
| Connectivity | Modbus serial (embedded) |
| | Modbus TCP |
| | EtherNet/IP PROFINET PROFIBUS DP CANopen |
| Markings and Certifications | CE, c.UL.us, CCC, EAC, RCM, UKCA, DNV ABS, BV CCS |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Soft Starter Selection

Refer to the following table to select ATS480 compatible with the ATS48 to substitute.

| Legacy offers | | | New offers |
|-----------------------------------|-----------------------------------|---|------------------------------------|
| ATS48●●●Q 230...415 Vac | ATS48●●●Y 208...690 Vac | | ATS480●●●Y 208...690 Vac |
| ATS48D17Q | ATS48D17Y | | ATS480D17Y |
| ATS48D22Q | ATS48D22Y | | ATS480D22Y |
| ATS48D32Q | ATS48D32Y | | ATS480D32Y |
| ATS48D38Q | ATS48D38Y | | ATS480D38Y |
| ATS48D47Q | ATS48D47Y | | ATS480D47Y |
| ATS48D62Q | ATS48D62Y | | ATS480D62Y |
| ATS48D75Q | ATS48D75Y | | ATS480D75Y |
| ATS48D88Q | ATS48D88Y | | ATS480D88Y |
| ATS48C11Q | ATS48C11Y | → | ATS480C11Y |
| ATS48C14Q | ATS48C14Y | | ATS480C14Y |
| ATS48C17Q | ATS48C17Y | | ATS480C17Y |
| ATS48C21Q | ATS48C21Y | | ATS480C21Y |
| ATS48C25Q | ATS48C25Y | | ATS480C25Y |
| ATS48C32Q | ATS48C32Y | | ATS480C32Y |
| ATS48C41Q | ATS48C41Y | | ATS480C41Y |
| ATS48C48Q | ATS48C48Y | | ATS480C48Y |
| ATS48C59Q | ATS48C59Y | | ATS480C59Y |
| ATS48C66Q | ATS48C66Y | | ATS480C66Y |
| ATS48C79Q | ATS48C79Y | | ATS480C79Y |
| ATS48M10Q | ATS48M10Y | | ATS480M10Y |
| ATS48M12Q | ATS48M12Y | | ATS480M12Y |

The specific legacy references and their functionality are included in the substitution:

| Specific Legacy offers | | New offers |
|---|---|------------|
| ATS48●●●YS316, ability to set in Delta up to 500 V | | |
| ATS48●●●YS338, tropicalization coating | → | ATS480●●●Y |
| ATS48●●●QS338, tropicalization coating | | |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Green Premium™

Enhance sustainability with Altivar™ Soft Starter ATS480

Superior environmental performance thanks to upgradability and modernization solutions

Altivar™ Soft Starter ATS480 is RoHS and REACH compliant

- Transparent environment information
- Life Cycle Analysis, compliant with ISO 14025
- Circularity Profile

Altivar™ Soft Starter ATS480 brings key benefits to help you achieve superior upgradable performance by enhancing its embedded functionality and performance capabilities for both hardware and software. ATS480 also extends the service life of ATS48 equipment: ATS480 replaces ATS48 while keeping the same footprint, circuit breaker, contactors, cables, and behavior of the process, making way for evolution.

The additional power options and the cybersecurity-compliant firmware upgradability capabilities of the Altivar™ Soft Starter ATS480 can help you to maximize process continuity and operation, as well as reduce your operational expenses, by avoiding the need to replace your soft starter or modify your existing installation as a retrofit.

Benefits

- Enable a secure and digital area
- Reduce your engineering time and cost
- Help to secure your operations
- Reduce downtime
- Extend the service life of ATS48 equipment
- Make way for evolution
- Preserve your initial investment



Communication and Wi-Fi modules

The additional communication modules allow you to easily integrate Altivar™ Soft Starter ATS480 in your scalable automation system. Together with the Wi-Fi access point, they bring easy access to the real data provided by the soft starter, aiding its digitization and easy integration in Industry 4.0 technologies.

Cybersecurity-compliant firmware upgrade

You have the possibility to upgrade the Altivar™ Soft Starter ATS480 firmware. Available on se.com, the firmware is digitally signed and can only be applied if authenticity is verified by the ATS480.

Graphic display terminal and dynamic QR code

In addition to the detailed warnings and detected errors available on the removable plain text display terminal, the graphic display terminal provides contextual troubleshooting and direct access to the appropriate page of the documentation via a dynamic QR code.

Power options (line chokes, bypass contactor)

The power options of Altivar™ Soft Starter ATS480 bring you the possibility to improve the power quality and efficiency of your installation. These options also improve the continuity of service of the installation and its robustness.



Experience our offer on se.com/green-premium



Product selector for ATS480



EcoStruxure™ Motor Control Configurator



EcoStruxure™ Motor Management Design

Altistart™ 480

| ATS480 in-line | | | | | | | | |
|---------------------------------|-------|-------|-------|-------|-------|-------|------------|-----------------|
| Motor nameplate | | | | | | | | ATS480 |
| Rated operational voltage (Ue) | | | | | | | | |
| Rated motor power | | | | | | | | |
| 230 V | 400 V | 440 V | 500 V | 525 V | 660 V | 690 V | | |
| kW | kW | kW | kW | kW | kW | kW | Reference | Unit MRP [€] |
| Normal duty applications | | | | | | | | |
| 4 | 7.5 | 7.5 | 9 | 9 | 11 | 15 | ATS480D17Y | On Request |
| 5.5 | 11 | 11 | 11 | 11 | 15 | 18.5 | ATS480D22Y | On Request |
| 7.5 | 15 | 15 | 18.5 | 18.5 | 22 | 22 | ATS480D32Y | On Request |
| 9 | 18.5 | 18.5 | 22 | 22 | 30 | 30 | ATS480D38Y | On Request |
| 11 | 22 | 22 | 30 | 30 | 37 | 37 | ATS480D47Y | On Request |
| 15 | 30 | 30 | 37 | 37 | 45 | 45 | ATS480D62Y | On Request |
| 18.5 | 37 | 37 | 45 | 45 | 55 | 55 | ATS480D75Y | On Request |
| 22 | 45 | 45 | 55 | 55 | 75 | 75 | ATS480D88Y | On Request |
| 30 | 55 | 55 | 75 | 75 | 90 | 90 | ATS480C11Y | On Request |
| 37 | 75 | 75 | 90 | 90 | 110 | 110 | ATS480C14Y | On Request |
| 45 | 90 | 90 | 110 | 110 | 132 | 160 | ATS480C17Y | On Request |
| 55 | 110 | 110 | 132 | 132 | 160 | 200 | ATS480C21Y | On Request |
| 75 | 132 | 132 | 160 | 160 | 220 | 250 | ATS480C25Y | On Request |
| 90 | 160 | 160 | 220 | 220 | 250 | 315 | ATS480C32Y | On Request |
| 110 | 220 | 220 | 250 | 250 | 355 | 400 | ATS480C41Y | On Request |
| 132 | 250 | 250 | 315 | 315 | 400 | 500 | ATS480C48Y | On Request |
| 160 | 315 | 355 | 400 | 400 | 560 | 560 | ATS480C59Y | On Request |
| – | 355 | 400 | – | – | 630 | 630 | ATS480C66Y | On Request |
| 220 | 400 | 500 | 500 | 500 | 710 | 710 | ATS480C79Y | On Request |
| 250 | 500 | 630 | 630 | 630 | 900 | 900 | ATS480M10Y | On Request |
| 355 | 630 | 710 | 800 | 800 | – | – | ATS480M12Y | On Request |
| Heavy duty applications | | | | | | | | |
| 3 | 5.5 | 5.5 | 7.5 | 7.5 | 9 | 11 | ATS480D17Y | On Request |
| 4 | 7.5 | 7.5 | 9 | 9 | 11 | 15 | ATS480D22Y | On Request |
| 5.5 | 11 | 11 | 11 | 11 | 15 | 18.5 | ATS480D32Y | On Request |
| 7.5 | 15 | 15 | 18.5 | 18.5 | 22 | 22 | ATS480D38Y | On Request |
| 9 | 18.5 | 18.5 | 22 | 22 | 30 | 30 | ATS480D47Y | On Request |
| 11 | 22 | 22 | 30 | 30 | 37 | 37 | ATS480D62Y | On Request |
| 15 | 30 | 30 | 37 | 37 | 45 | 45 | ATS480D75Y | On Request |
| 18.5 | 37 | 37 | 45 | 45 | 55 | 55 | ATS480D88Y | On Request |
| 22 | 45 | 45 | 55 | 55 | 75 | 75 | ATS480C11Y | On Request |
| 30 | 55 | 55 | 75 | 75 | 90 | 90 | ATS480C14Y | On Request |
| 37 | 75 | 75 | 90 | 90 | 110 | 110 | ATS480C17Y | On Request |
| 45 | 90 | 90 | 110 | 110 | 132 | 160 | ATS480C21Y | On Request |
| 55 | 110 | 110 | 132 | 132 | 160 | 200 | ATS480C25Y | On Request |
| 75 | 132 | 132 | 160 | 160 | 220 | 250 | ATS480C32Y | On Request |
| 90 | 160 | 160 | 220 | 220 | 250 | 315 | ATS480C41Y | On Request |
| 110 | 220 | 220 | 250 | 250 | 355 | 400 | ATS480C48Y | On Request |
| 132 | 250 | 250 | 315 | 315 | 400 | 500 | ATS480C59Y | On Request |
| 160 | 315 | 355 | 400 | 400 | 560 | 560 | ATS480C66Y | On Request |
| – | 355 | 400 | – | – | 630 | 630 | ATS480C79Y | On Request |
| 220 | 400 | 500 | 500 | 500 | 710 | 710 | ATS480M10Y | On Request |
| 250 | 500 | 630 | 630 | 630 | 900 | 900 | ATS480M12Y | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Harmony Relays

Electromechanical, Timer and control Relays

Enhance **operational efficiency** and **optimize equipment availability** with our widest range of relays. Harmony relays are designed, manufactured, and tested to meet your needs for both wired logic functions and PLC Interfaces.



- **Wide choice:** 1C/O 10 A – 2C/O 5 A, 6 VDC – 230 VAC, multifunctional features
- **Robust installation:** fast-on pin terminal
- **Easy to use:** optional status indication and test function
- **Safe to perform:** feasibility to add protection modules (diode, diode + LED, RC circuit, or varistor + LED)
- **Space saving:** only 16 mm socket for 2C/O

RXG Interface Relays



| Description | Relay | Control Circuit Voltage (V) | | Reference | Unit MRP [₹] |
|--|-------------|-----------------------------|----|-----------|--------------|
| 1CO 6 Pin Relay Standard cover lockable test button | | | | | |
| Without LED indicator | 1 CO - 10 A | 24V | DC | RXG11BD | 558 |
| | 1 CO - 10 A | 24V | AC | RXG11B7 | 714 |
| | 1 CO - 10 A | 120V | AC | RXG11F7 | 735 |
| | 1 CO - 10 A | 230V | AC | RXG11P7 | 694 |
| 1CO 6 Pin Relay Standard cover lockable test button | | | | | |
| With LED indicator | 1 CO - 10 A | 24V | DC | RXG12BD | 629 |
| | 1 CO - 10 A | 24V | AC | RXG12B7 | 755 |
| | 1 CO - 10 A | 120V | AC | RXG12F7 | 755 |
| | 1 CO - 10 A | 230V | AC | RXG12P7 | 755 |
| 1CO 6 Pin Relay without locable test button | | | | | |
| With LED indicator | 1 CO - 10 A | 24V | DC | RXG13BD | 586 |
| | 1 CO - 10 A | 120V | AC | RXG13F7 | 803 |
| | 1 CO - 10 A | 230V | AC | RXG13P7 | 739 |
| 1CO 6 Pin Relay without locable test button | | | | | |
| Without LED indicator | 1 CO - 10 A | 12V | DC | RXG15JD | 517 |
| | 1 CO - 10 A | 24V | DC | RXG15BD | 528 |
| | 1 CO - 10 A | 230V | AC | RXG15P7 | 629 |
| 2CO 8 Pin Relay Standard cover lockable test button | | | | | |
| Without LED indicator | 2 CO - 5 A | 12V | DC | RXG21JD | 639 |
| | 2 CO - 5 A | 24V | DC | RXG21BD | 628 |
| | 2 CO - 5 A | 120V | AC | RXG21F7 | 762 |
| | 2 CO - 5 A | 220V | AC | RXG21M7 | 820 |
| | 2 CO - 5 A | 230V | AC | RXG21P7 | 748 |
| 2CO 8 Pin Relay Standard cover lockable test button | | | | | |
| With LED indicator | 2 CO - 5 A | 24V | DC | RXG22BD | 699 |
| | 2 CO - 5 A | 48V | DC | RXG22ED | 724 |
| | 2 CO - 5 A | 24V | AC | RXG22B7 | 840 |
| | 2 CO - 5 A | 120V | AC | RXG22F7 | 840 |
| | 2 CO - 5 A | 220V | AC | RXG22M7 | 824 |
| | 2 CO - 5 A | 230V | AC | RXG22P7 | 840 |
| 2CO 8 Pin Relay Standard cover without lockable test button | | | | | |
| With LED indicator | 2 CO - 5 A | 24V | DC | RXG23BD | 655 |
| | 2 CO - 5 A | 24V | AC | RXG23B7 | 793 |
| | 2 CO - 5 A | 120V | AC | RXG23F7 | 793 |
| | 2 CO - 5 A | 220V | AC | RXG23M7 | 793 |
| | 2 CO - 5 A | 230V | AC | RXG23P7 | 807 |
| 2CO 8 Pin Relay Standard cover without lockable test button | | | | | |
| Without LED indicator | 2 CO - 5 A | 12V | DC | RXG25JD | 557 |
| | 2 CO - 5 A | 24V | DC | RXG25BD | 567 |
| | 2 CO - 5 A | 220V | AC | RXG25M7 | 735 |
| | 2 CO - 5 A | 230V | AC | RXG25P7 | 695 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



- 5A relay with 2C/O contacts or 3A relay with 4 C/O contacts
- Mechanical indicator with transparent cover
- Power On™ LED for readiness
- Socket for both DIN-rail and panel mounting
- Eco-design with ROHS, CE, GOST

RXM Miniature Relays

| Description | Relay | Control Circuit Voltage (V) | | Reference | Unit MRP [₹] |
|--|------------|-----------------------------|----|-----------|--------------|
| 2 CO 8 Pin relays Without lockable test button | | | | | |
| Without LED indicator | 2 CO - 5 A | 24V | DC | RXM2LB1BD | 423 |
| | 2 CO - 5 A | 24V | AC | RXM2LB1B7 | 442 |
| | 2 CO - 5 A | 120V | AC | RXM2LB1F7 | 442 |
| | 2 CO - 5 A | 230V | AC | RXM2LB1P7 | 433 |
| With LED indicator | 2 CO - 5 A | 24V | DC | RXM2LB2BD | 455 |
| | 2 CO - 5 A | 48V | DC | RXM2LB2ED | 488 |
| | 2 CO - 5 A | 24V | AC | RXM2LB2B7 | 488 |
| | 2 CO - 5 A | 120V | AC | RXM2LB2F7 | 488 |
| | 2 CO - 5 A | 230V | AC | RXM2LB2P7 | 455 |
| 4 CO 14 Pin relays Without lockable test button | | | | | |
| Without LED indicator | 4 CO - 3 A | 12V | DC | RXM4LB1JD | 598 |
| | 4 CO - 3 A | 24V | DC | RXM4LB1BD | 488 |
| | 4 CO - 3 A | 24V | AC | RXM4LB1B7 | 536 |
| | 4 CO - 3 A | 230V | AC | RXM4LB1P7 | 488 |
| With LED indicator | 4 CO - 3 A | 12V | DC | RXM4LB2JD | 550 |
| | 4 CO - 3 A | 24V | DC | RXM4LB2BD | 515 |
| | 4 CO - 3 A | 48V | DC | RXM4LB2ED | 550 |
| | 4 CO - 3 A | 24V | AC | RXM4LB2B7 | 550 |
| | 4 CO - 3 A | 120V | AC | RXM4LB2F7 | 550 |
| | 4 CO - 3 A | 230V | AC | RXM4LB2P7 | 515 |

| Description | Type | Reference | Unit MRP [₹] |
|---|-----------|-----------|--------------|
| Sockets | | | |
| Mixed,screw clamp term, for RXM2L range | Socket | RXZE1M2C | 214 |
| Mixed,screw clamp term, for RXM4L range | Socket | RXZE1M4C | 273 |
| Metal clamp for RXZE1M2C | Accessory | RXZ420 | 51 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

RXM*NB Miniature Relays

| Description | Relay | Control Circuit Voltage (V) | | Reference | Unit MRP [₹] |
|--|-------------|-----------------------------|----|-----------|--------------|
| Miniature Relays without Lockable Test-Button | | | | | |
| With LED indicators | 2 CO - 10 A | 24V | DC | RXM2NB3BD | 492 |
| | 2 CO - 10 A | 120V | DC | RXM2NB3FD | 545 |
| | 2 CO - 10 A | 220V | DC | RXM2NB3MD | 696 |
| | 2 CO - 10 A | 230V | AC | RXM2NB3P7 | 545 |
| | 2 CO - 10 A | 24V | DC | RXM4NB3BD | 608 |
| | 2 CO - 10 A | 120V | AC | RXM4NB3F7 | 619 |
| | 2 CO - 10 A | 230V | AC | RXM4NB3P7 | 579 |

| Description | Connection | Relay Type | Reference | Unit MRP [₹] |
|---------------------------------|-----------------------|------------|-----------|--------------|
| Sockets for RXMNB Relays | | | | |
| Mixed | Screw Clamp connector | RXN2N | RXZE2M2N | 229 |
| Mixed | Screw Clamp connector | RXN4N | RXZE2M4N | 261 |

RPM Power Relay

| Description | Relay | Control Circuit Voltage (V) | | Reference | Unit MRP [₹] |
|---------------------|-------------|-----------------------------|----|-----------|--------------|
| Power Relay | | | | | |
| With LED Indicators | 1 CO - 15 A | 24V | DC | RPM12BD | 873 |
| | 2 CO - 15 A | 24 V | DC | RPM22BD | 1158 |
| | 2 CO - 15 A | 120V | AC | RPM22F7 | 1556 |
| | 2 CO - 15 A | 230V | AC | RPM22P7 | 1305 |
| | 3 CO - 15 A | 24V | DC | RPM32BD | 1474 |
| | 3 CO - 15 A | 230V | AC | RPM32P7 | 1503 |
| | 4 CO - 15 A | 24V | DC | RPM42BD | 1417 |
| | 4 CO - 15 A | 48V | DC | RPM42ED | 1512 |
| | 4 CO - 15 A | 110V | DC | RPM42FD | 1536 |
| | 4 CO - 15 A | 24V | AC | RPM42B7 | 1401 |
| | 4 CO - 15 A | 48V | AC | RPM42E7 | 1465 |
| | 4 CO - 15 A | 110V | AC | RPM42F7 | 1574 |
| | 4 CO - 15 A | 230V | AC | RPM42P7 | 1392 |

| Description | Connection | Relay Type | Reference | Unit MRP [₹] |
|--|-----------------------|------------|-----------|--------------|
| Sockets | | | | |
| Mixed | Screw Clamp connector | RPM1 | RPZF1 | 562 |
| Mixed | Screw Clamp connector | RPM2 | RPZF2 | 564 |
| Mixed | Screw Clamp connector | RPM3 | RPZF3 | 996 |
| Mixed | Screw Clamp connector | RPM4 | RPZF4 | 962 |
| Clips And Legends | | | | |
| Metal maintaining clamp - for relay socket RPZF1 | | | RPZR235 | 151 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



- High-performance EMR Relays to ensure machine and system availability.
- Flexible choices with different contact numbers, current, and control coil voltages.
- 12A relay with 2C/O contacts or 6A relay with 4 C/O contacts
- One step lockable test button
- Mechanical indicator for contact status
- Power on" LED for readines

RXM Miniature Relays

| Description | Relay | Control Circuit Voltage (V) | Reference | Unit MRP [₹] |
|---|-------------|-----------------------------|-----------|--------------|
| 2CO 8 Pin Relay Standard cover lockable test button | | | | |
| Without LED indicator | 2 CO - 12 A | 12V DC | RXM2AB1JD | 659 |
| | 2 CO - 12 A | 24V DC | RXM2AB1BD | 634 |
| | 2 CO - 12 A | 48V DC | RXM2AB1ED | 696 |
| | 2 CO - 12 A | 110V DC | RXM2AB1FD | 665 |
| | 2 CO - 12 A | 24V AC | RXM2AB1B7 | 659 |
| | 2 CO - 12 A | 48V AC | RXM2AB1E7 | 659 |
| | 2 CO - 12 A | 120V AC | RXM2AB1F7 | 659 |
| | 2 CO - 12 A | 230V AC | RXM2AB1P7 | 634 |
| 2CO 8 Pin Relay Standard cover lockable test button | | | | |
| With LED indicator | 2 CO - 12 A | 12V DC | RXM2AB2JD | 688 |
| | 2 CO - 12 A | 24V DC | RXM2AB2BD | 659 |
| | 2 CO - 12 A | 48V DC | RXM2AB2ED | 726 |
| | 2 CO - 12 A | 110V DC | RXM2AB2FD | 675 |
| | 2 CO - 12 A | 24V AC | RXM2AB2B7 | 683 |
| | 2 CO - 12 A | 48V AC | RXM2AB2E7 | 675 |
| | 2 CO - 12 A | 120V AC | RXM2AB2F7 | 688 |
| | 2 CO - 12 A | 230V AC | RXM2AB2P7 | 659 |
| 3CO 11 Pin Relay Standard cover with lockable test button | | | | |
| With LED indicator | 3 CO - 10 A | 12V DC | RXM3AB1JD | 881 |
| | 3 CO - 10 A | 24V DC | RXM3AB1BD | 880 |
| | 3 CO - 10 A | 24V AC | RXM3AB1B7 | 981 |
| | 3 CO - 10 A | 120V AC | RXM3AB1F7 | 906 |
| | 3 CO - 10 A | 230V AC | RXM3AB1P7 | 906 |
| 3 CO 11 Pin Relay Standard cover with lockable test button | | | | |
| Without LED indicator | 3 CO - 10 A | 24V DC | RXM3AB2BD | 842 |
| | 3 CO - 10 A | 48V DC | RXM3AB2ED | 1036 |
| | 3 CO - 10 A | 110V DC | RXM3AB2FD | 975 |
| | 3 CO - 10 A | 24V AC | RXM3AB2B7 | 916 |
| | 3 CO - 10 A | 120V AC | RXM3AB2F7 | 881 |
| | 3 CO - 10 A | 230V AC | RXM3AB2P7 | 881 |
| 4CO 14 Pin Relay Standard cover with lockable test button | | | | |
| With LED indicator | 4 CO - 6 A | 12V DC | RXM4AB1JD | 789 |
| | 4 CO - 6 A | 24V DC | RXM4AB1BD | 789 |
| | 4 CO - 6 A | 48V DC | RXM4AB1ED | 879 |
| | 4 CO - 6 A | 110V DC | RXM4AB1FD | 879 |
| | 4 CO - 6 A | 24V AC | RXM4AB1B7 | 805 |
| | 4 CO - 6 A | 48V AC | RXM4AB1E7 | 827 |
| | 4 CO - 6 A | 120V AC | RXM4AB1F7 | 805 |
| | 4 CO - 6 A | 230V AC | RXM4AB1P7 | 805 |
| 4 CO 14 Pin Relay Standard cover with lockable test button | | | | |
| Without LED indicator | 4 CO - 6 A | 12V DC | RXM4AB2JD | 920 |
| | 4 CO - 6 A | 24V DC | RXM4AB2BD | 874 |
| | 4 CO - 6 A | 48V DC | RXM4AB2ED | 920 |
| | 4 CO - 6 A | 110V DC | RXM4AB2FD | 920 |
| | 4 CO - 6 A | 24V AC | RXM4AB2B7 | 937 |
| | 4 CO - 6 A | 48V AC | RXM4AB2E7 | 937 |
| | 4 CO - 6 A | 120V AC | RXM4AB2F7 | 937 |
| | 4 CO - 6 A | 230V AC | RXM4AB2P7 | 891 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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RXM Miniature Relays

| Description | Connection | Relay Type | Thermal Current (Ith) | Reference | Unit MRP [₹] |
|----------------|-----------------|---------------|-----------------------|------------|--------------|
| Sockets | | | | | |
| Mixed contact | Screw Clamp | RXM2* / RXM4* | 10A | RXZE2M114 | 334 |
| | Screw Connector | RXM2* / RXM4* | 10A | RXZE2M114M | 300 |
| Separate | Screw Connector | RXM2* | 12A | RXZE2S108M | 348 |
| | Screw Connector | RXM3* | 10A | RXZE2S111M | 385 |
| | Screw Connector | RXM4* | 10A | RXZE2S114M | 411 |

| Description | Voltage V | For use with | Reference | Unit MRP [₹] |
|----------------|------------------|--------------|-----------|--------------|
| Sockets | | | | |
| Diode | 6...250 V DC | All Aockets | RXM040W | 157 |
| RC Circuit | 24..60 V AC | All Aockets | RXM041BN7 | 168 |
| | 110..240 V AC | All Aockets | RXM041FU7 | 168 |
| RC Circuit | 6..24 V AC/DC | All Aockets | RXM021RB | 198 |
| | 24..60 V AC/DC | All Aockets | RXM021BN | 198 |
| | 110..240 V AC/DC | All Aockets | RXM021FP | 188 |



RE17 Electronic Timers

NEW

| Description | Supply Voltage | Time Range | Output | Reference | Unit MRP [₹] |
|-----------------------|------------------------|----------------|---------|-----------|--------------|
| RE10 Timers | | | | | |
| MultiFunction | 24 V DC, 24...240 V AC | 1 s .. 100 h | 1 CO | RE10RMMU | 2045 |
| RE17 Timers | | | | | |
| On Delay | 24 ...240 V AC/DC | 0.1 s .. 100 h | 1 CO SS | RE17LAMW | 2879 |
| Off -delay | 24 ...240 V AC | 1 s .. 100 h | 1 CO SS | RE17LCBM | 3367 |
| Interval on delay | 24 ...240 V AC | 1 s .. 100 h | 1 CO SS | RE17LHBM | 4307 |
| Asymmetrical flashing | 24 ...240 V AC | 1 s .. 100 h | 1 CO SS | RE17LLBM | 3539 |
| Multifunction | 24 ...240 V AC | 1 s .. 100 h | 1 CO SS | RE17LMBM | 3467 |
| On Delay | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RAMU | 2701 |
| Single Interval | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RBMU | 4015 |
| Off- Delay | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RCMU | 2825 |
| Interval on delay | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RHMU | 2906 |
| Asymmetrical flashing | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RLMU | 3777 |
| Multifunction | 12 V DC | 1 s .. 100 h | 1 CO | RE17RMJU | 3573 |
| Multifunction | 24 VDC /24...240 VAC | 1 s .. 100 h | 1 CO | RE17RMMU | 3473 |
| Multifunction | 12 ...240 VAC/DC | 0.1 s .. 100 h | 1 CO | RE17RMMW | 3868 |
| Multifunction | 12 ...240 VAC/DC | 0.1 s .. 100 h | 1 CO | RE17RMMWS | 4166 |
| Multifunction | 24 VDC /24...240 VAC | 0.1 s .. 100 h | 1 CO | RE17RMXMU | 4369 |
| Multifunction | 24 VDC /24...240 VAC | 0.1 s .. 10 h | 1 CO | RE17RMEMU | 3427 |



RE22 Electronic Timers

| Description | Supply Voltage | Time Range | Output | Reference | Unit MRP [₹] |
|-----------------------|----------------------|---------------|--------|------------|--------------|
| RM22 Timers | | | | | |
| On Delay | 24 ...240 V AC/DC | 0.05s...300h | 1 CO | RE22R1AMR | 4982 |
| Off Delay | 24 ...240 V AC/DC | 0.05s...300h | 1 CO | RE22R1CMR | 9467 |
| Off Delay | 24 ...240 V AC/DC | 0.05s...10min | 1 CO | RE22R1KMR | 11232 |
| Asymmetrical flashing | 24 ...240 V AC/DC | 0.05s...300h | 1 CO | RE22R1MLMR | 7825 |
| Multi function | 24 ...240 V AC/DC | 0.05s...300h | 1 CO | RE22R1MYMR | 7621 |
| Start Delta | 24 VDC /24...240 VAC | 0.05s...300s | 1 CO | RE22R1QCMU | 5936 |
| Start Delta | 230/380 V AC | 1s...100h | 1 CO | RE22R1QMQ | 4788 |
| Start Delta | 24 VDC /24...240 VAC | 1s...100h | 1 CO | RE22R1QMU | 5620 |
| On Delay | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2AMR | 9565 |
| Off Delay | 24 VDC /24...240 VAC | 1s...100h | 2 CO | RE22R2AMU | 4700 |
| Off Delay | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2CMR | 13784 |
| Asymmetrical flashing | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2DMR | 7825 |
| Off Delay | 24 ...240 V AC/DC | 0.05s...10min | 2 CO | RE22R2KMR | 13760 |
| Multi function | 24 ...240 V AC/DC | 1s...100h | 2 CO | RE22R2MMU | 4721 |
| Multi function | 12 ...240 VAC/DC | 1s...100h | 2 CO | RE22R2MMW | 5393 |
| Multi function | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2MYMR | 15355 |
| Start Delta | 24 ...240 V AC/DC | 0.05s...30s | 2 CO | RE22R2QEMR | 7207 |
| Start Delta | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2QGMR | 10789 |
| Start Delta | 24 ...240 V AC/DC | 0.05s...300h | 2 CO | RE22R2QTMR | 7582 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Control - Monitoring & Control Relays

| Description | Supply Voltage | Measurement Range | Time Range | Output | Reference | Unit MRP [₹] |
|--|----------------|-------------------|------------|--------|-----------|--------------|
| RM10 Measurement & Control Relays | | | | | | |
| 3 Phase Multifunction | Self Powered | 208...480 VAC | - | 1 CO | RM10TE00 | 3001 |
| 3 Phase Multifunction | Self Powered | 183...528 VAC | - | 1 CO | RM10TG00 | 2770 |
| RM17 Measurement & Control Relays (self Powered) | | | | | | |
| 3 Ø: Phase loss/ Phase sequence | Self Powered | 208...480 VAC | - | 1 CO | RM17TG00 | 14408 |
| 3 Ø: Phase loss/ Phase sequence | Self Powered | 208...440 VAC | - | 2 CO | RM17TG20 | 3851 |
| Phase Sequence, Phase,loss,Undervoltage | Self Powered | 208...480 VAC | - | 1 CO | RM17TU00 | 7743 |
| Phase Sequence, Phase,loss, Asymmetry | Self Powered | 208...480 VAC | - | 1 CO | RM17TA00 | 9461 |
| Multifunction | Self Powered | 208...480 VAC | - | 1 CO | RM17TE00 | 24699 |
| 1 phase under or overvoltage control | Self Powered | 20 to 80 VAC/DC | 0.1 - 10 s | 1 CO | RM17UAS16 | 6454 |
| 1 phase under or overvoltage control | Self Powered | 65 to 260 VAC/DC | 0.1 - 10 s | 1 CO | RM17UAS15 | 7743 |
| 1 phase/ under or overvoltage control in window | Self Powered | | 0.1 - 10 s | 1 CO | RM17UBE15 | 20359 |

| Description | Supply Voltage | Measurement Range | Time Range | Output | Reference | Unit MRP [₹] |
|--|-----------------|-------------------|------------|--------|------------|--------------|
| RM22 Measurement & Control Relays | | | | | | |
| Phase loss/ Phase sequence | Self powered | 208...480 VAC | - | 2 CO | RM22TG20 | 5860 |
| Multifunction | Self powered | 208...480 VAC | 0.1..30 s | 2 CO | RM22TR33 | 4562 |
| Phase Sequence, Phase,loss,Undervoltage | Self powered | 208...480 VAC | - | 2 CO | RM22TU23 | 7759 |
| Under or overvoltage | 24...240 VAC | 1...100 VAC/DC | 0.1..30 s | 2 CO | RM22UA32MR | 11849 |
| Under or overvoltage | 24...240 VAC | 15...500 VAC/DC | 0.1..30 s | 2 CO | RM22UA33MR | 10404 |
| Under or overcurrent | 24...240 VAC | 4mA...1A | 0.1..30 s | 2 CO | RM22JA31MR | 11064 |
| Level Control | 24...240 VAC | 4K...100K ohm | - | 1 CO | RM22LG11MR | 5917 |
| RM35 Measurement & control relays | | | | | | |
| Multifunction | Self powered | 220...480 VAC | - | 2C/O | RM35TF30 | On Request |
| Under or overvoltage P-N | Self powered | 120...277 VAC | - | 2C/O | RM35UB3N30 | On Request |
| Over or undervoltage | 24...240 VAC/DC | 15...600 VAC/DC | - | 2C/O | RM35UA13MW | On Request |
| over or undercurrent | 24...240 VAC/DC | 0.15...15A | - | 2C/O | RM35JA32MW | On Request |
| Liquid level control | 24...240 VAC/DC | - | - | 1 C/O | RM35LV14MW | On Request |
| Liquid level control | 24...240 VAC/DC | - | - | 2C/O | RM35LM33MW | On Request |
| Under or overspeed | 24...240 VAC/DC | - | - | 1 C/O | RM35S0MW | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS





W.E.F. January 17th, 2024



Control & Signaling Unit

Push Buttons, Switches and Pilot Lights

Pilot lights

| Description | Supply Voltage | Colour | Reference | Unit MRP [₹] |
|---|-----------------|-----------|------------|--------------|
| With Direct Integral LED | | | | |
|  | ~/- 12V | White | XA2EVJ1LC | 211 |
| | ~/- 12V | Green | XA2EVJ3LC | 189 |
| | ~/- 12V | Red | XA2EVJ4LC | 189 |
| | ~/- 12V | Amber | XA2EVJ5LC | 189 |
| | ~/- 12V | Blue | XA2EVJ6LC | 280 |
| | ~/- 12V | Yellow | XA2EVJ8LC | 189 |
| | ~/- 24V | White | XA2EVB1LC | 211 |
| | ~/- 24V | Green | XA2EVB3LC | 189 |
| | ~/- 24V | Red | XA2EVB4LC | 189 |
| | ~/- 24V | Amber | XA2EVB5LC | 189 |
| | ~/- 24V | Blue | XA2EVB6LC | 280 |
| | ~/- 24V | Yellow | XA2EVB8LC | 189 |
|  | ~/- 30V | White | XA2EVC1LC | 211 |
| | ~/- 30V | Green | XA2EVC3LC | 189 |
| | ~/- 30V | Red | XA2EVC4LC | 189 |
| | ~/- 30V | Amber | XA2EVC5LC | 189 |
| | ~/- 30V | Blue | XA2EVC6LC | 280 |
| | ~/- 30V | Yellow | XA2EVC8LC | 189 |
| | ~/- 48V | White | XA2EVE1LC | 211 |
| | ~/- 48V | Green | XA2EVE3LC | 189 |
| | ~/- 48V | Red | XA2EVE4LC | 189 |
| | ~/- 48V | Amber | XA2EVE5LC | 189 |
| | ~/- 48V | Blue | XA2EVE6LC | 280 |
| | ~/- 48V | Yellow | XA2EVE8LC | 189 |
|  | ~/- 60...63.5 V | White | XA2EVEE1LC | 211 |
| | ~/- 60...63.5 V | Green | XA2EVEE3LC | 189 |
| | ~/- 60...63.5 V | Red | XA2EVEE4LC | 189 |
| | ~/- 60...63.5 V | Amber | XA2EVEE5LC | 189 |
| | ~/- 60...63.5 V | Blue | XA2EVEE6LC | 280 |
| | ~/- 60...63.5 V | Yellow | XA2EVEE8LC | 189 |
| | ~/- 110 V | White | XA2EVF1LC | 219 |
| | ~/- 110 V | Green | XA2EVF3LC | 189 |
| | ~/- 110 V | Red | XA2EVF4LC | 189 |
| | ~/- 110 V | Amber | XA2EVF5LC | 189 |
| | ~/- 110 V | Blue | XA2EVF6LC | 309 |
| | ~/- 110 V | Yellow | XA2EVF8LC | 189 |
|  | - 220 V | White | XA2EVMD1LC | 263 |
| | - 220 V | Green | XA2EVMD3LC | 254 |
| | - 220 V | Red | XA2EVMD4LC | 238 |
| | - 220 V | Amber | XA2EVMD5LC | 263 |
| | - 220 V | Blue | XA2EVMD6LC | 530 |
| | - 220 V | Yellow | XA2EVMD8LC | 238 |
| | ~ 220 ... 230 V | White | XA2EVM1LC | 211 |
| | ~ 220 ... 230 V | Green | XA2EVM3LC | 189 |
| | ~ 220 ... 230 V | Red | XA2EVM4LC | 189 |
| | ~ 220 ... 230 V | Amber | XA2EVM5LC | 189 |
| | ~ 220 ... 230 V | Blue | XA2EVM6LC | 280 |
| | ~ 220 ... 230 V | Yellow | XA2EVM8LC | 189 |
| ~ 380 ... 400 V | White | XA2EVQ1LC | 290 | |
| ~ 380 ... 400 V | Green | XA2EVQ3LC | 290 | |
| ~ 380 ... 400 V | Red | XA2EVQ4LC | 280 | |
| ~ 380 ... 400 V | Amber | XA2EVQ5LC | 309 | |
| ~ 380 ... 400 V | Blue | XA2EVQ6LC | 623 | |
| ~ 380 ... 400 V | Yellow | XA2EVQ8LC | 280 | |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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Pushbuttons

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|---|-------------|--------|-----------|--------------|
| Pushbuttons plastic circular bezel - complete, spring return | | | | |
| Flush unmarked | 1 NO | White | XB5AA11N | 192 |
| Flush unmarked | 1 NO | Black | XB5AA21N | 180 |
| Flush unmarked | 1 NO | Green | XB5AA31N | 180 |
| Flush unmarked | 1 NO | Yellow | XB5AA51N | 180 |
| Flush unmarked | 1 NO | Blue | XB5AA61N | 180 |
| Flush unmarked | 1 NC | Red | XB5AA42N | 180 |
| Flush unmarked | 1 NO | Red | XB5AA41N | 180 |
| Projecting | 1 NC | Red | XB5AL42N | 219 |
| Double headed Pushbutton | 1 NO + 1 NC | Green | XB5AL845N | 1272 |
| Flush with silicon transparent boot | 1 NO | Green | XB5AP31N | 275 |

Illuminated Pushbuttons

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|--|----------|--------|------------|--------------|
| Illuminated Pushbuttons plastic circular bezel - complete, Clear Lens | | | | |
| Flush Integral LED 24V AC/DC | 1 NO | White | XB5AW31B1N | 528 |
| Flush Integral LED 24V AC/DC | 1 NO | Green | XB5AW33B1N | 528 |
| Flush Integral LED 24V AC/DC | 1 NC | Red | XB5AW34B2N | 528 |
| Flush Integral LED 24V AC/DC | 1 NO | Yellow | XB5AW35B1N | 528 |
| Flush Integral LED 24V AC/DC | 1 NO | Amber | XB5AW38B1N | 590 |
| Flush Integral LED 24V AC/DC | 1 NO | Blue | XB5AW36B1N | 1020 |
| Flush Integral LED 110V AC | 1 NO | Green | XB5AW33G1N | 642 |
| Flush Integral LED 110V AC | 1 NC | Red | XB5AW34G2N | 642 |
| Flush Integral LED 230V AC | 1 NO | White | XB5AW31M1N | 601 |
| Flush Integral LED 230V AC | 1 NO | Green | XB5AW33M1N | 528 |
| Flush Integral LED 230V AC | 1 NC | Red | XB5AW34M2N | 528 |
| Flush Integral LED 230V AC | 1 NO | Yellow | XB5AW35M1N | 528 |
| Flush Integral LED 230V AC | 1 NO | Amber | XB5AW38M1N | 590 |
| Flush Integral LED 230V AC | 1 NO | Blue | XB5AW36M1N | 1020 |

* Clear type illuminated Push buttons are provided with striated lens.

Pilot Lights

| Description | Supply Voltage V | Color | Reference | Unit MRP [₹] |
|---|------------------|--------|------------|--------------|
| With smooth lens (except clear colour) | | | | |
| Direct Integral LED | 24V AC/DC | White | XB7EV01BPN | 293 |
| Direct Integral LED | 24V AC/DC | Green | XB7EV03BPN | 272 |
| Direct Integral LED | 24V AC/DC | Red | XB7EV04BPN | 272 |
| Direct Integral LED | 24V AC/DC | Yellow | XB7EV05BPN | 272 |
| Direct Integral LED | 24V AC/DC | Amber | XB7EV08BPN | 272 |
| Direct Integral LED | 24V AC/DC | Blue | XB7EV06BPN | 558 |
| Direct Integral LED | 120V AC | White | XB7EV01GPN | 326 |
| Direct Integral LED | 120V AC | Green | XB7EV03GPN | 272 |
| Direct Integral LED | 120V AC | Red | XB7EV04GPN | 272 |
| Direct Integral LED | 120V AC | Yellow | XB7EV05GPN | 272 |
| Direct Integral LED | 120V AC | Amber | XB7EV08GPN | 272 |
| Direct Integral LED | 120V AC | Blue | XB7EV06GPN | 272 |
| Direct Integral LED | 230V AC | White | XB7EV01MPN | 293 |
| Direct Integral LED | 230V AC | Green | XB7EV03MPN | 272 |
| Direct Integral LED | 230V AC | Red | XB7EV04MPN | 272 |
| Direct Integral LED | 230V AC | Yellow | XB7EV05MPN | 272 |
| Direct Integral LED | 230V AC | Amber | XB7EV08MPN | 272 |
| Direct Integral LED | 230V AC | Blue | XB7EV06MPN | 558 |

* Clear type pilot lights are provided with striated lens.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Biometric Switches

| Description | Reference | Unit MRP [₹] |
|---|------------|--------------|
| Bistable biometric switch, 24 V DC - PNP - by 2m cable | XB5S1B2L2 | 40275 |
| Bistable biometric switch, 24 V DC - PNP - by M12 connector | XB5S1B2M12 | 42491 |
| Monostable biometric switch, 24 V DC - PNP - by 2m cable | XB5S2B2L2 | 40803 |
| Monostable biometric switch, 24 V DC - PNP - by M12 connector | XB5S2B2M12 | 42360 |

Accessories

| Description | Reference | Unit MRP [₹] |
|--------------------|-----------|--------------|
| Diameter 22 mm nut | ZB5SZ71 | 444 |

Selector Switch

| Description | Type | Contacts | Color | Reference | Unit MRP [₹] |
|---|--|----------|-------|-----------|--------------|
| Selector Switch-Complete(Non-Illuminated) | | | | | |
| Standard Handle | 2 Position stay put | 1 NO | Black | XB5AD21N | 444 |
| | 2 Position spring return, right to left | 1 NO | Black | XB5AD41N | 705 |
| | 3 Position stay put | 2 NO | Black | XB5AD33N | 484 |
| | 3 Position spring return to center | 2 NO | Black | XB5AD53N | 515 |
| | 3 Position spring return, left to center | 2 NO | Black | XB5AD73N | 601 |
| | 3 Position spring return, right to center | 2 NO | Black | XB5AD83N | 615 |
| Long Handle | 2 Position stay put | 1 NO | Black | XB5AJ21N | 499 |
| | 3 Position stay put | 2 NO | Black | XB5AJ33N | 533 |
| | 3 Spring return to center | 2 NO | Black | XB5AJ53N | 519 |
| Key Switch | 2 Position stay put L- Key release | 1 NO | Black | XB5AG21N | 679 |
| | 2 Position stay put R-L Key release | 1 NO | Black | XB5AG41N | 724 |
| | 2 Position spring return, right to left, L | 1 NO | Black | XB5AG61N | 1286 |
| | 3 Position stay put, All pos Key release | 2 NO | Black | XB5AG03N | 576 |
| | 3 Position stay put, Center Key release | 2 NO | Black | XB5AG33N | 795 |
| | 3 Position stay put, R-L Key release | 2 NO | Black | XB5AG53N | 804 |

| Description | Supply Voltage | Contacts | Color | Reference | Unit MRP [₹] |
|---|----------------|-----------|--------|-------------|--------------|
| Illuminated Selector Switch-Complete | | | | | |
| 2 Position Stay put | 24 VAC/ DC | 1 NO | White | XB5AK121B1N | 976 |
| | 24 VAC/ DC | 1 NO | Green | XB5AK123B1N | 761 |
| | 24 VAC/ DC | 1 NC | Red | XB5AK124B2N | 761 |
| | 24 VAC/ DC | 1 NO | Yellow | XB5AK125B1N | 761 |
| 2 Position Spring Return | 24 VAC/ DC | 1 NO | Green | XB5AK143B1N | 1482 |
| 2 Position Stay put | 230V AC | 1 NO | White | XB5AK121M1N | 976 |
| | 230V AC | 1 NO | Green | XB5AK123M1N | 761 |
| | 230V AC | 1 NC | Red | XB5AK124M2N | 761 |
| | 230V AC | 1 NO | Yellow | XB5AK125M1N | 845 |
| 2 Position Spring Return | 230V AC | 1 NC | Red | XB5AK144M2N | 1943 |
| 3 Position Stay put | 24 VAC/ DC | 2 NO | Green | XB5AK133B3N | 796 |
| | 24 VAC/ DC | 1 NO+1 NC | Red | XB5AK134B5N | 885 |
| 3 Position Spring Return | 24 VAC/ DC | 2 NO | White | XB5AK151B3N | 963 |
| | 24 VAC/ DC | 2 NO | Green | XB5AK153B3N | 797 |
| | 24 VAC/ DC | 1 NO+1 NC | Red | XB5AK154B5N | 1292 |
| | 24 VAC/ DC | 2 NO | Yellow | XB5AK155B3N | 1292 |
| 3 Position Stay put | 230 VAC | 2 NO | Green | XB5AK133M3N | 796 |
| | 230 VAC | 1 NO+1 NC | Red | XB5AK134M5N | 885 |
| | 230 VAC | 2 NO | Yellow | XB5AK135M3N | 929 |
| 3 Position Spring Return | 230 VAC | 2 NO | White | XB5AK151M3N | 866 |
| | 230 VAC | 2 NO | Green | XB5AK153M3N | 797 |
| | 230 VAC | 2 NO | Yellow | XB5AK155M3N | 1292 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Mushhead Pushbutton

| Description | Dia of Head | Type of Contact | Colour | Reference | Unit MRP [₹] |
|--|-------------|-----------------|--------|------------|--------------|
| Mushroom Head Pushbuttons | | | | | |
| Spring return | 40 | 1 NO | Black | XB5AC21N | 373 |
| | 40 | 1 NO | Green | XB5AC31N | 349 |
| | 40 | 1 NC | Red | XB5AC42N | 349 |
| | 60 | 1 NO | Green | XB5AR31N | 485 |
| Emergency Switching Off Mushroom Head push button | | | | | |
| Turn to release | 30 | 1 NC | Red | XB5AS442N | 342 |
| Turn to release | 40 | 1 NC | Red | XB5AS542N | 342 |
| Key release (n°155) | 40 | 1 NC | Red | XB5AS142N | 624 |
| Trigger action Turn to release | 40 | 1 NO+ 1 NC | Red | XB5AS8445N | 804 |
| Trigger action key to release | 40 | 1 NO+ 1 NC | Red | XB5AS9445N | 796 |

Illuminated Pushbutton with yellow LED

| Description | Supply Voltage | Type of Contact | Color | Reference | Unit MRP [₹] |
|--|----------------|-----------------|-----------|------------|--------------|
| Double Headed Pushbuttons (Spring return) | | | | | |
| 1 flush push (marked "I") 1 pilot light 1 projecting push (marked "O") | 24V AC/DC | NO+NC | Green+Red | XB5AW84B5N | 1261 |
| | 230V AC | NO+NC | Green+Red | XB5AW84M5N | 1261 |
| Illuminated Emergency Switching Off Pushbutton (Mushroom head) | | | | | |
| Turn to release | 24V AC/DC | NC | Red | XB5AW74B2N | 1086 |
| | 230V AC | NC | Red | XB5AW74M2N | 1155 |

Accessories

| Description | Marking on Yellow background | Color | Reference | Unit MRP [₹] |
|--|------------------------------|--------|-----------|--------------|
| Double Headed Pushbuttons (Spring return) | | | | |
| Circular Legends for Emergency stop function | Emergency Stop | Yellow | ZBY9330N | 135 |

| Description | Contact Type | Reference | Unit MRP [₹] |
|---|--------------|-----------|--------------|
| Contact blocks with screw clamp terminal connections | | | |
| Single contact block | 1 NO | ZBE101N | 106 |
| Single contact block | 1 NC | ZBE102N | 106 |

| Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| Contact blocks with screw clamp terminal connections | | |
| Boot for cylindrical flush PB | ZBPAN | 73 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Easy Harmony XB2

Just enough robust switch with added strength

Reliable, flexible and just enough



Easy Harmony XB2 Ø 22 mm metal modular push buttons and switches, are the basic products perfectly suited to meet majority of installation requirements, with metal features for added strength.

Designed for robust applications without compromising on ease of use, safety, flexibility and availability. Providing just enough and a little more.

Target Segments

Consumer packaging, material working, textile machine, printing, hoisting, process control, lift and elevator.



Ø 22 mm metal modular push buttons and switches

Fit for purpose

- Designed to be used in numerous control and signaling applications
- Easy selection of the key functions for standard applications
- Diameter Ø 22 mm for standard OEM and panel-builder applications

Robustness

- Metal bezels with metal fixing collars for impact endurance
- Excellent resistance to mechanical shocks and vibrations
- Metal screws for secure fix and grounding contact to the panel
- Conforming to CE, CCC and RoHS
- Tested and certified performance
- IP65
- Supports an operating temperature range from -25°C to +70°C

Easiness

- Simple installation with screwdriver
- Flexibility with sub-assemblies for easy mix and match of functionalities
- Simple modular design facilitates post installation servicing, modification and adaptation of machines by non-specialists
- Anti-loosening system for screw clamp terminals of contact blocks

Availability

- Supported by the service of Schneider Electric, a worldwide leader in automation and control
- Wide availability via an extensive distribution network

| Type of functions | Contact functions | | | | Contact and signaling functions | Signaling functions |
|----------------------|---|---|---|--|--|--------------------------------|
| Type of products | Pushbuttons | Emergency switching off and emergency stop pushbuttons | Selector and key switches | Special functions | Illuminated pushbuttons | Pilot lights |
| | | | | | | |
| Description of range | Pushbuttons, spring return: flush push, mushroom head, projecting or booted | Emergency switching off and stop pushbuttons: turn to release and push-pull | Selector switches, 2- or 3-position standard or long handle or key switches | Joystick and buzzer | Illuminated pushbuttons with integral LED, spring return: flush push or projecting | Pilot lights with integral LED |
| Type references | XB2BA..C/ BC..C/ BL..C/ BP..C/BR..C (Complete) ZB2BA.C/ BC.C/BL.C/ BPC/ BR.C (Head) | XB2BS...C/ BT..C (Complete) ZB2BS..C/ BTC (Head) | XB2BD..C/ BJ..C/ BG..C (Complete) ZB2BD.C/ BJ.C/ BG.C (Head) | XD2PA.. CR (Joystick) XB2BS...C (Buzzer) | XB2BW3..1C (Complete) ZB2BW..C (Head) | XA2EV..LC |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Push Button Complete unit

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|---|----------|--------|------------|--------------|
| Spring Return type | | | | |
| Flush unmarked | 1 NO | White | XB2BA11C | On Request |
| Flush unmarked | 1 NO | Black | XB2BA21C | On Request |
| Flush unmarked | 1 NO | Green | XB2BA31C | On Request |
| Flush unmarked | 1 NC | Red | XB2BA42C | On Request |
| Flush unmarked | 1 NO | Yellow | XB2BA51C | On Request |
| Flush unmarked | 1 NO | Blue | XB2BA61C | On Request |
| With Marking "I" | 1 NO | Green | XB2BA3311C | On Request |
| With Marking | 1 NO | Black | XB2BA3351C | On Request |
| With Marking | 1 NO | white | XB2BA3341C | On Request |
| With Marking "O" | 1 NC | Red | XB2BA3322C | On Request |
| Spring Return type with Projecting push | | | | |
| | 1 NO | Green | XB2BL31C | On Request |
| | 1 NC | Red | XB2BL42C | On Request |
| Spring Return , Booted Pushbutton | | | | |
| | 1 NO | Black | XB2BP21C | On Request |
| | 1 NO | Green | XB2BP31C | On Request |
| | 1 NC | Red | XB2BP42C | On Request |
| Spring Return , Mushroom Head Pushbutton | | | | |
| 40 mm | 1 NO | Black | XB2BC21C | On Request |
| 40 mm | 1 NO | Green | XB2BC31C | On Request |
| 40 mm | 1 NO | Yellow | XB2BC51C | On Request |
| 40 mm | 1 NC | Red | XB2BC42C | On Request |
| 60 mm | 1 NO | Black | XB2BR21C | On Request |

Emergency Switching Off PushButton

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|----------------------------------|----------|-------|-----------|--------------|
| Mushroom Push button Head | | | | |
| 40 mm Push Pull | 1 NC | Red | XB2BT42C | On Request |
| 30 mm Turn to release | 1 NC | Red | XB2BS442C | On Request |
| 40 mm Turn to release | 1 NC | Red | XB2BS542C | On Request |
| 60 mm Turn to release | 1 NC | Red | XB2BS642C | On Request |

Emergency Stop Pushbutton

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|---|----------|-------|------------|--------------|
| Mushroom Push button Head (complaint with IEC60947-5-5) | | | | |
| 40 mm Push Pull | 1 NC | Red | XB2BT842C | On Request |
| 40 mm Turn to Release | 1 NC | Red | XB2BS8442C | On Request |

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|---|----------|--------|------------|--------------|
| Spring Return Illuminated Pushbutton | | | | |
| 24 V AC/DC with integral LED | 1 NO | White | XB2BW31B1C | On Request |
| | 1 NO | Green | XB2BW33B1C | On Request |
| | 1 NO | Red | XB2BW34B1C | On Request |
| | 1 NO | Orange | XB2BW35B1C | On Request |
| | 1 NO | Blue | XB2BW36B1C | On Request |
| 220-230 V AC with integral LED | 1 NO | White | XB2BW31M1C | On Request |
| | 1 NO | Green | XB2BW33M1C | On Request |
| | 1 NO | Red | XB2BW34M1C | On Request |
| | 1 NO | Yellow | XB2BW35M1C | On Request |
| | 1 NO | Blue | XB2BW36M1C | On Request |

Selector Switch

| Description | Contacts | Color | Reference | Unit MRP [₹] |
|---|-------------|-------|-----------|--------------|
| Spring Return type | | | | |
| 2 Position stay put | 1 NO | Black | XB2BD21C | On Request |
| 2 Position stay put | 1 NO + 1 NC | Black | XB2BD25C | On Request |
| 2 Position spring return, right to left | 1 NO | Black | XB2BD41C | On Request |
| 2 Position spring return, right to left | 1 NO + 1 NC | Black | XB2BD45C | On Request |
| 3 Position stay put | 2 NO | Black | XB2BD33C | On Request |
| 3 Position spring return to center | 2 NO | Black | XB2BD53C | On Request |
| 3 Position spring return, left to center | 2 NO | Black | XB2BD73C | On Request |
| With Long Handle | | | | |
| 2 Position stay put | 1 NO | Black | XB2BJ21C | On Request |
| 2 Position stay put | 1 NO + 1 NC | Black | XB2BJ25C | On Request |
| 3 Position Stay put | 2 NO | Black | XB2BJ33C | On Request |
| 3 position Spring return from 2 side | 2 NO | Black | XB2BJ53C | On Request |
| With Key Switch | | | | |
| 2 Position stay put, 1 side pull out | 1 NO | Black | XB2BG21C | On Request |
| 2 Position stay put, 2 side pull out | 1 NO | Black | XB2BG41C | On Request |
| 2 Position spring return, Right to left , 1 side pull out | 1 NO | Black | XB2BG61C | On Request |
| 3 Position stay put, middle pull out | 2 NO | Black | XB2BG33C | On Request |
| 3 Position stay out , 2 side pull out | 2 NO | Black | XB2BG53C | On Request |
| 3 Position stay out , 3 side pull out | 2 NO | Black | XB2BG03C | On Request |

Body Assemblies

| Description | Contact type | Reference | Unit MRP [₹] |
|---|--------------|-----------|--------------|
| Body assemblies with contact block | | | |
| | 1 NO | ZB2BZ101C | 116 |
| | 1 NC | ZB2BZ101C | 116 |
| | 2 NO | ZB2BZ103C | 231 |
| | 2 NC | ZB2BZ104C | 231 |
| | 1 NO + 1 NC | ZB2BZ105C | 231 |
| Contact block | | | |
| | 1 NO | ZB2BE101C | 103 |
| | 1 NC | ZB2BE102C | 103 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Universal Light Blocks for LED Pilot light

| Descriptions | Supply Voltage | Colour | Reference | Unit MRP [₹] |
|---|----------------|--------|-----------|--------------|
| For XAL Metal Enclosures | 24V AC/DC | White | ZALVB1 | 740 |
| For XAL Metal Enclosures | 220V AC | White | ZALVM1 | 2278 |
| For XB5/XB4 references without end with "N" | 24V AC/DC | White | ZBVB1 | 635 |
| For XB5/XB4 references without end with "N" | 120V AC | White | ZBVG1 | 1417 |
| For XB5/XB4 references without end with "N" | 220V AC | White | ZBVM1 | 1450 |

XAL - Empty enclosures for XB5 and XB4 Push button and Pilot light

| Description | No of Cut out | Color of Enclosure | Reference | Unit MRP [₹] |
|---|---------------|--------------------|-----------|--------------|
| For normal environment Light grey base IP65 | 1 | Dark grey | XALD01 | 751 |
| For normal environment Light grey base IP65 | 2 | Dark grey | XALD02 | 931 |
| For normal environment Light grey base IP65 | 3 | Dark grey | XALD03 | 1155 |
| For normal environment Light grey base IP65 | 4 | Dark grey | XALD04 | 1579 |
| For normal environment Light grey base IP65 | 5 | Dark grey | XALD05 | 2060 |
| For normal environment Light grey base IP65 | 1 | Yellow | XALK01 | 863 |
| For normal environment Light Grey base IP54 | 2 | Light Grey | XALE2 | 619 |
| For normal environment Light Grey base IP54 | 3 | Light Grey | XALE3 | 755 |

XAL – Empty enclosures for use with XB2 (ZB2*)

| Description | No of Cut out | Color of Enclosure | Reference | Unit MRP [₹] |
|--|---------------|--------------------|-----------|--------------|
| Plastic empty control station (light grey cover) | 1 | Dark Grey base | XALB01C | On Request |
| Plastic empty control station (for mounting XB2BS542C) - yellow cover | 1 | Dark Grey base | XALB01YC | On Request |
| Plastic empty control station (light grey cover) | 2 | Dark Grey base | XALB02C | On Request |
| Plastic empty control station (light grey cover) | 3 | Dark Grey base | XALB03C | On Request |
| Plastic control station with 1 Emergency stop push button - (yellow cover) | 1 | Dark Grey base | XALJ01C | On Request |

ZEN - Contact block for mounting on Metal plate at back of enclosure

| Description | Contacts Type and Composition | Reference | Unit MRP [₹] |
|-----------------|-------------------------------|--|--------------|
| Standard single | 1 NO | ZENL1111 <input checked="" type="checkbox"/> | 428 |
| Contact block | 1 NC | ZENL1121 <input checked="" type="checkbox"/> | 428 |



Buzzers from XB2 Series

| Description | Reference | Unit MRP [₹] |
|---------------------------------|-----------|--------------|
| Red illuminated buzzer DC/AC24V | XB2BSB4LC | On Request |
| Red illuminated buzzer AC220V | XB2BSM4LC | On Request |
| Buzzer 24V AC/DC | XB2BSBC | On Request |
| Buzzer 220V AC | XB2BSMC | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

XVB-C Illuminated Lens Units

| Description | Color | Reference | Unit MRP [₹] |
|--|--------|-----------|--------------|
| Lens unit - steady light - 250 V 10 W | Green | XVBC33 | 3095 |
| | Red | XVBC34 | 3155 |
| | Orange | XVBC35 | 3155 |
| | Blue | XVBC36 | 3095 |
| | Clear | XVBC37 | 3096 |
| Lens unit - flashing light - 24..48 V DC 24 V AC | Yellow | XVBC38 | 3095 |
| | Red | XVBC4B4 | 8400 |
| Lens unit - flashing light - 48..230 V AC | Red | XVBC4M4 | 8833 |
| | Orange | XVBC4M5 | 8810 |
| Lens unit - steady light - 24 V AC DC | Green | XVBC2B3 | 6811 |
| | Red | XVBC2B4 | 6811 |
| | Orange | XVBC2B5 | 6811 |
| | Blue | XVBC2B6 | 8785 |
| | Clear | XVBC2B7 | 8785 |
| | Yellow | XVBC2B8 | 6805 |
| | Green | XVBC2G3 | 6675 |
| | Red | XVBC2G4 | 6680 |
| Lens unit - steady light - 120 V AC | Orange | XVBC2G5 | 6943 |
| | Blue | XVBC2G6 | 8416 |
| | Yellow | XVBC2G8 | 6977 |
| Lens unit - steady light - 230 V AC | Green | XVBC2M3 | 6680 |
| | Red | XVBC2M4 | 6680 |
| | Orange | XVBC2M5 | 6680 |
| | Blue | XVBC2M6 | 9264 |
| | Yellow | XVBC2M8 | 7272 |
| Lens unit - flashing light - 24 V AC DC | Green | XVBC5B3 | 12000 |
| | Red | XVBC5B4 | 11635 |
| | Orange | XVBC5B5 | 11753 |
| | Blue | XVBC5B6 | 14666 |
| | Clear | XVBC5B7 | 9657 |
| Lens unit - flashing light - 230 V AC | Yellow | XVBC5B8 | 11568 |
| | Red | XVBC5M4 | 11531 |
| | Blue | XVBC5M6 | 14525 |

XVB Units

| Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| XVB Audible Signalling Unit | | |
| Sound unit - continuous or intermittent buzzer - 75..90 dB - 12..48 V AC DC | XVBC9B | 9493 |
| Sound unit - continuous or intermittent buzzer - 75..90 dB - 120..230 V AC | XVBC9M | 15958 |
| XVB Base Unit + Cover | | |
| Base unit + cover for bank XVB - without flash discharge tube - black - IP 65 | XVBC21 | 4292 |
| XVB Accessories | | |
| Set of coloured indicator pins - 6 colors - XVB | XVBC22 | 498 |
| Support tube + fixing base l=400 mm - aluminium black - XVB | XVBZ03 | 3574 |
| Support tube + fixing base l=80 mm - aluminium black - XVB | XVBZ02 | 2701 |
| Support tube + fixing base l=800 mm - aluminium black - XVB | XVBZ04 | 5320 |
| XVB Incandescent Bulb | | |
| Clear incandescent bulb for signalling - BA 15d - 24 V 10 W | DL1BLB | 381 |
| Clear incandescent bulb for signalling - BA 15d - 120 V 10 W | DL1BLG | 650 |
| Clear incandescent bulb for signalling - BA 15d - 230 V 10 W | DL1BLM | 414 |

XVB LED BA 15d Base Fitting

| [Us] Rated Supply Voltage | Signalling Colour | Reference | Unit MRP [₹] |
|---------------------------|-------------------|-----------|--------------|
| 24 V AC/DC | White | DL1BDB1 | 5096 |
| 24 V AC/DC | Green | DL1BDB3 | 4076 |
| 24 V AC/DC | Red | DL1BDB4 | 4076 |
| 24 V AC/DC | Blue | DL1BDB6 | 4623 |
| 24 V AC/DC | Yellow-Orange | DL1BDB8 | 4790 |
| 120 V AC | White | DL1BDG1 | 6138 |
| 120 V AC | Yellow-Orange | DL1BDG8 | 5086 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



- Motor less + LED Flashing
- External Buzzer volume adjustor 70 DB to 90 DB
- Straight & Side wiring- more flexible

XVR3 Multifunctional LED Beacon NEW

| Description | Reference | Unit MRP [₹] |
|--|-----------|--------------|
| Multi-functional LED Beacon green without buzzer DC/AC 12~24V | XVR3B03 | 14591 |
| Multi-functional LED Beacon red without buzzer DC/AC 12~24V | XVR3B04 | 14616 |
| Multi-functional LED Beacon orange without buzzer DC/AC 12~24V | XVR3B05 | 14368 |
| Multi-functional LED Beacon green without buzzer AC 100~230V | XVR3M03 | 14321 |
| Multi-functional LED Beacon red without buzzer AC 100~230V | XVR3M04 | 14104 |
| Multi-functional LED Beacon Orange without buzzer AC 100~230V | XVR3M05 | 14368 |
| Multi-functional LED Beacon red with buzzer DC/AC 12~24V | XVR3B04S | 28756 |
| Multi-functional LED Beacon orange with buzzer DC/AC 12~24V | XVR3B05S | 29602 |
| Multi-functional LED Beacon green with buzzer AC 100~230V | XVR3M03S | 15890 |
| Multi-functional LED Beacon red with buzzer AC 100~230V | XVR3M04S | 13185 |
| Multi-functional LED Beacon orange with buzzer AC 100~230V | XVR3M05S | 14154 |
| Multi-functional LED Beacon blue with buzzer AC 100~230V | XVR3M06S | 15595 |

XVS Sirens

| Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| 2 tones siren - 106 dB - 12...24V AC/DC - white | XVS10BMW | 26493 |
| 2 tones siren - 106 dB - 120V AC - white | XVS10GMW | 26493 |
| 2 tones siren - 106 dB - 230V AC - white | XVS10MMW | 26493 |

DL1 Incandescent Bulb

| Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| Clear incandescent bulb for signalling - ba 15d - 24 v 4 w | DL1BEBS | 362 |
| Clear incandescent bulb for signalling - ba 15d - 120 v 7 w | DL1BEG | 383 |
| Clear incandescent bulb for signalling - ba 15d - 230 v 5 w | DL1BEMS | 393 |

XVR Rotating Mirror Beacon

| Description | Light Block Colour | Reference | Unit MRP [₹] |
|--|--------------------|-----------|--------------|
| Rotating mirror beacon w/o buzzer XVR - Ø 130 - 24 V AC DC | Red | XVR13B04L | 16006 |
| Rotating mirror beacon w/o buzzer XVR - Ø 130 - 24 V AC DC | Orange | XVR13B05L | 15259 |
| Rotating mirror beacon w/o buzzer XVR - Ø 120 - 24 V AC DC | Blue | XVR12B06 | 20710 |
| Rotating mirror beacon w/o buzzer XVR - Ø 130 - 120 V AC | Red | XVR13G04L | 18914 |
| Rotating mirror beacon w/o buzzer XVR - Ø 130 - 230 V AC | Red | XVR13M04L | 20131 |
| Rotating mirror beacon w/o buzzer XVR - Ø 130 - 230 V AC | Orange | XVR13M05L | 18743 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Tower light vivid in all kinds of ambient

Easy Harmony XVG Monolithic tower light

When Simple is just enough without compromise in quality.

Intuitive clear lens design suitable in bright environment and long distance view

Clear lens design overcome colored lens dull and reflection in bright environment.

From far, can easily differentiate machine status by ON/OFF condition of tower light, even in bright and densed environment.

Pre-wired and pre-assembled simplify selection, engineering and inventory management

Easy colored code wire with respect to function ease installation and maintenance work.

Simple yet complete signaling applications

From single layer up to 4 layers. From steady to flashing light pattern. 5 types of mounting option. Wide voltage ranges options from 24V AC/DC, 220~240V AC. Answer most of the signaling applications.





Offer overview

- Single layer to 4 layers. IP23 to IP53 depends on different mounting.
- Buzzer pressure level max 85dB @1m
- 5 type of mounting options
- Red flashing @ 1Hz on single layer, up to 4 colors (R/O/G/B) in steady pattern
- Long lasting LEDs, can operating more than 100K hours, low power consumption
- CE, CCC and EAC certification approval

| Voltage | Colors | Light Pattern | Mounting Type | Without Buzzer | Buzzer |
|-------------|--------|---------------|---|-------------------|-----------------------|
| 24V DC/AC | Red | Steady | 100mm pole with L bracket 100mm pole with foldable bracket | XVGB1A XVGB1MA | XVGB1SA XVGB1SMA |
| | | Flashing | 100mm pole with L bracket 100mm pole with foldable bracket | | XVGB1SFA XVGB1SMFA |
| 220~240V AC | | Steady | 100mm pole with L bracket 100mm pole with foldable bracket | XVGM1A XVGM1MA | XVGM1SA XVGM1SMA |
| | | Flashing | 100mm pole with L bracket 100mm pole with foldable bracket | | XVGM1SFA XVGM1SMFA |



| Voltage | Colors | Light Pattern | Mounting Type | Without Buzzer | Buzzer |
|-------------|--|---------------|---|---|--|
| 24 V DC/AC | 2 layers: Red/Green 3 layers: Red/Orange/Green 4 layers: Red/Orange/Green/Blue | Steady | Base Mount Direct Alu tube Alu tube and L-bracket Alu tube and fixing plate Alu tube and foldable bracket | XVGB*W XVGB*T XVGB* XVGB*H XVGB*M | XVGB*SW XVGB*ST XVGB*S XVGB*SH XVGB*SM |
| 220~240V AC | 2 layers: Red/Green 3 layers: Red/Orange/Green | Steady | Base Mount Direct Alu tube Alu tube and L-bracket Alu tube and fixing plate Alu tube and foldable bracket | XVGM+W XVGM+T XVGM+ XVGM+H XVGM+M | XVGM+SW XVGM+ST XVGM+S XVGM+SH XVGM+SM |



ø Replace * with 2 to 4 represent 2 to 4 layers for DC models
ø Replace + with 2 to 3 represent 2 to 3 layers for AC models



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Tower light, Ø 60 mm, Pre-assembled, PreCabled, Monoethic, Economical Version,
XVGB-Series with LED for steady light - 24VDC

| Description | References | Unit MRP [₹] |
|---|------------|--------------|
| With aluminium tube mounting and L-bracket | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGB2 | 3609 |
| 3-Stage Red, Amber, Green | XVGB3 | 4089 |
| 4-Stage Red, Amber, Green, Blue | XVGB4 | 5252 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGB2S | 4098 |
| 3-Stage Red, Amber, Green | XVGB3S | 4648 |
| 4-Stage Red, Amber, Green, Blue | XVGB4S | 4949 |
| With direct aluminium tube mounting | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGB2T | 3719 |
| 3-Stage Red, Amber, Green | XVGB3T | 4521 |
| With Buzzer | | |
| 3-Stage Red, Amber, Green | XVGB3ST | 4680 |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGB2H | 3609 |
| 3-Stage Red, Amber, Green | XVGB3H | 4132 |
| 4-Stage Red, Amber, Green, Blue | XVGB4H | 5418 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGB2SH | 4412 |
| 3-Stage Red, Amber, Green | XVGB3SH | 4756 |
| 4-Stage Red, Amber, Green, Blue | XVGB4SH | 5927 |
| With aluminium tube mounting and foldable bracket | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGB2M | 4137 |
| 3-Stage Red, Amber, Green | XVGB3M | 4523 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGB2SM | 4486 |
| 3-Stage Red, Amber, Green | XVGB3SM | 4912 |
| 4-Stage Red, Amber, Green, Blue | XVGB4SM | 4953 |
| With base mounting - Direct | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGB2W | 3392 |
| 3-Stage Red, Amber, Green | XVGB3W | 3991 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGB2SW | 3969 |
| 3-Stage Red, Amber, Green | XVGB3SW | 4489 |
| 4-Stage Red, Amber, Green, Blue | XVGB4SW | 5364 |
| XVG-USB Based Towerlights | | |
| Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 Direct base mounting | XVGU3SWV | 9219 |
| Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 With 100 mm aluminium tube mounting | XVGU3SHAV | 10554 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Tower light, Ø 60 mm, Pre-assembled , PreCabled , Monoethic , Economical Version , XVGM-Series with LED for steady light - 220..240 VAC

| Description | References | Unit MRP [₹] |
|--|------------|-----------------|
| With aluminium tube mounting and L-bracket | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGM2 | 3815 |
| 3-Stage Red, Amber, Green | XVGM3 | 4317 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGM2S | 4330 |
| 3-Stage Red, Amber, Green | XVGM3S | 4912 |
| With direct aluminium tube mounting | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGM2T | 3931 |
| 3-Stage Red, Amber, Green | XVGM3T | 4783 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGM2ST | 4818 |
| 3-Stage Red, Amber, Green | XVGM3ST | 4946 |
| With aluminium tube mounting and fixing plate | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGM2H | 3815 |
| 3-Stage Red, Amber, Green | XVGM3H | 4363 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGM2SH | 4666 |
| 3-Stage Red, Amber, Green | XVGM3SH | 5028 |
| With aluminium tube mounting and foldable bracket | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGM2M | 4374 |
| 3-Stage Red, Amber, Green | XVGM3M | 4783 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGM2SM | 4736 |
| 3-Stage Red, Amber, Green | XVGM3SM | 5191 |
| With Buzzer LED Flashing light | | |
| 1-Stage Red | XVGM1SMFA | 4363 |
| With base mounting - Direct | | |
| Without Buzzer | | |
| 2-Stage Red, Green | XVGM2W | 3527 |
| 3-Stage Red, Amber, Green | XVGM3W | 4200 |
| With Buzzer | | |
| 2-Stage Red, Green | XVGM2SW | 4200 |
| 3-Stage Red, Amber, Green | XVGM3SW | 4748 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Harmony eXLhoist Wireless Remote Control System

| Description | References | Unit MRP [₹] |
|--|------------|--------------|
| Remote Control Device (6 motion Pushbutton+1 Aux, pushbutton) | ZART8LS | On Request |
| Receiver with 10 Relay +2 Safety relay : 48...240 V AC | ZARB10WS | On Request |
| Receiver with 10 Relay +2 Safety relay : 48...240 V AC (Prewired with 1.5 m cable) | ZARB10WSP | On Request |



Harmony Pocket Remote Wireless Remote Control System

Transmitter

| Description | References | Unit MRP [₹] |
|-----------------------------|------------|--------------|
| 3 Single Step Push Buttons | ZART03 | On Request |
| 4 Single Step Push Buttons | ZART04 | On Request |
| 6 Single Step Push Buttons | ZART06 | On Request |
| 8 Single Step Push Buttons | ZART08 | On Request |
| 10 Single Step Push Buttons | ZART10 | On Request |

Receivert

| Description | References | Unit MRP [₹] |
|---|------------|--------------|
| 5 relays small size receiver pre-wired with 1.5 m of cable | ZARB05WSP | On Request |
| 11 relays small size receiver pre-wired with 1.5 m of cable | ZARB11WSP | On Request |

Accessories

| Description | References | Unit MRP [₹] |
|---|------------|--------------|
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. for use with ZART03 | ZARC603 | On Request |
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. for use with ZART04 | ZARC604 | On Request |
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. for use with ZART06 | ZARC606 | On Request |
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. for use with ZART08 | ZARC608 | On Request |
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. for use with ZART10 | ZARC610 | On Request |
| DIY adhesive label kit for remote transmitter, 66 x 114 mm/2.60 x 4.49 in. fort use with ZART03, ZART04, ZART06, ZART08, ZART10 | ZARC620 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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Control Station

Pendant Station



- Highly robust pendant control stations
- Conformity with the safety requirements of IEC standards
- 1 or 2 speed up, down, right, and left movements; emergency stop option available
- CE marking , UL/CSA certification
- Complete products IP65
- Double insulated polypropylene casing
- Screw clamp connection

| Control station composition | Mechanical interlocking | Contact composition | Reference | Unit MRP [₹] |
|--------------------------------|---|--|-----------|--------------|
| For Single Hoist Motors | | | | |
| 2 pushbuttons | With mechanical interlocking | 1 NO | XACA201 | 5709 |
| | With mechanical interlocking | 1 NC + 1 NO | XACA205 | 6018 |
| 2 booted pushbuttons | With mechanical interlocking | 1 NO | XACA211 | 5765 |
| | With mechanical interlocking | 1 NC + 1 NO | XACA215 | 6569 |
| For Single-Speed Motors | | | | |
| 2 pushbuttons | With mechanical interlocking | 1 NO | XACA271 | 5855 |
| | With mechanical interlocking | 1 NC + 1 NO | XACA281 | 6591 |
| 4 pushbuttons | With mechanical interlocking Between pairs | 1 NO | XACA471 | 7464 |
| | With mechanical interlocking Between pairs | 1 NC + 1 NO | XACA481 | 8475 |
| 6 pushbuttons | With mechanical interlocking Between pairs | 1 NO | XACA671 | 8724 |
| | With mechanical interlocking Between pairs | 1 NC + 1 NO | XACA681 | 10771 |
| 8 pushbuttons | With mechanical interlocking Between pairs | 1 NO (for 7 operators) 1 NO (for 8 operators) | XACA871 | 10219 |
| | With mechanical interlocking Between pairs | | XACA881 | 12780 |

Joystick Controllers

| Description | Legend plate without text | Legend plate Price | Reference | Unit MRP [₹] |
|---|---------------------------|--------------------|-----------|--------------|
| XD2-P (One Step in Each Position) Dia. 22mm | | | | |
| 2-Direction Stay-Put | ZD2-GY2201 | 103 | XD2PA12 | 6507 |
| 2-Direction Spring Return to Zero | ZD2-GY2201 | 103 | XD2PA22 | 6024 |
| 4-Direction Stay-Put | ZD2-GY4201 | 123 | XD2PA14 | 7442 |
| 4-Direction Spring Return to Zero | ZD2-GY4201 | 123 | XD2PA24 | 7560 |
| XD2-G (Two steps in each position) Dia. 22mm | | | | |
| 2 - Direction (2 notches with spring return to zero) | ZD2-GY5201 | 139 | XD2GA8241 | 14445 |
| 4-Direction spring (2 notches with spring return to zero) | ZD2-GY6201 | 146 | XD2GA8441 | 19057 |

Foot Switch

| Contacts Type and Composition | Reference | Unit MRP [₹] |
|---------------------------------|-----------|--------------|
| Insulated Enclosure 1 NC + 1 NO | XPEA110 | 6016 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Upgrade to Harmony XAPD/K for a modern and optimal design



Better integration in machines and modern aesthetic

New XAPD color follows the industrial standard for enclosures and machines (RAL7035).

Allow any type of XB4/XB5 functions, including E-stops with legend plate

Increase legend holders usage (our 2 sizes can be used in both vertical and horizontal direction). Our new flush XB4F/XB5F are also compatible. No change on external dimensions.

Easy to select range with rationalized number of references

Substitution table available on this document.

Discontinued

Available



XAPD*6* + ZB4FBZ014



1. Optimized features and performances



XAPM* = Pg
XAPM*H29 = ISO metric



XAPD* = ISO metric



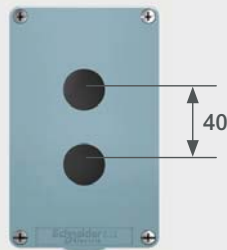
XAPG = Pg & 3/4 NPT



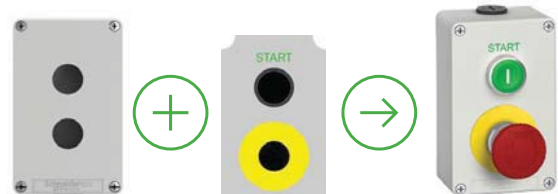
XAPG* = 3/4 NPT



2. Compatible with our complete offer of products and accessories



3. Friendly customization with configurable legend panels



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Substitution table

| Existing references | Substitution |
|---|--------------|
| XAPJ11 XAPJ11H29 | XAPK11 |
| XAPJ1201 XAPJ1201H29 | XAPK1201 |
| XAPJ14 XAPJ14H29 | XAPK14 |
| XAPJ1501 XAPJ1501H29 | XAPK1501 |
| XAPM11 XAPM11H29 | XAPD11 |
| XAPM1201 XAPM1201H2 XAPM1201H29 XAPM1201H6 XAPM1201H7 | XAPD1201 |
| XAPM1202 XAPM1202H2 XAPM1202H29 | XAPD1202 |
| XAPM14 XAPM14H2 XAPM14H29 | XAPD14 |
| XAPM1501 XAPM1501H2 XAPM1501H29 | XAPD1501 |
| XAPM1502 XAPM1502H2 XAPM1502H29 | XAPD1502 |
| XAPM1601 XAPM1601H2 XAPM1601H29 | XAPD1601 |
| XAPM21 XAPM21H29 | XAPD21 |
| XAPM2202 XAPM2202H2 XAPM2202H29 | XAPD2202 |
| XAPM2203 XAPM2203H2 XAPM2203H29 | XAPD2203 |
| XAPM2204 XAPM2204H2 XAPM2204H29 | XAPD2204 |

| Existing references | Substitution |
|---|--------------|
| XAPM24 XAPM24H29 | XAPD24 |
| XAPM2502 XAPM2502H2 XAPM2502H29 | XAPD2502 |
| XAPM2503 XAPM2503H2 XAPM2503H29 | XAPD2503 |
| XAPM2504 XAPM2504H29 | XAPD2504 |
| XAPM2602 XAPM2602H2 XAPM2602H29 | XAPD2602 |
| XAPM31 XAPM31H29 | XAPD31 |
| XAPM3203 XAPM3203H2 XAPM3203H29 XAPM3203H6 | XAPD3203 |
| XAPM3204 XAPM3204H2 XAPM3204H29 XAPM3204H6 | XAPD3204 |
| XAPM3206 XAPM3206H2 XAPM3206H29 | XAPD3206 |
| XAPM34 XAPM34H2 XAPM34H29 | XAPD34 |
| XAPM3503 XAPM3503H2 XAPM3503H29 | XAPD3503 |
| XAPM3504 XAPM3504H2 XAPM3504H29 | XAPD3504 |
| XAPM3506 XAPM3506H2 XAPM3506H29 | XAPD3506 |
| XAPM3603 XAPM3603H2 XAPM3603H29 | XAPD3603 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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Substitution table

| Existing references | Substitution |
|---------------------------------------|--------------|
| XAPM44 XAPM44H2 XAPM44H29 | XAPD44 |
| XAPM4504 XAPM4504H2 | XAPD4504 |
| XAPM4505 | XAPD4505 |
| XAPM4506 XAPM4506H2 XAPM4506H29 | XAPD4506 |
| XAPM4508 XAPM4508H2 XAPM4508H29 | XAPD4508 |
| XAPM4604 XAPM4604H2 XAPM4604H29 | XAPD4604 |
| XAPM54 XAPM54H29 | XAPD54 |
| XAPM5508 XAPM5508H29 | XAPD5508 |
| XAPM5512 | XAPD5510 |
| XAPM5512H29 | XAPD5512 |
| XAPM5606 XAPM5606H29 | XAPD5606 |
| XAPH1201 XAPH1201H29 | XAPK1201 |
| XAPH1501 | XAPK1501 |
| XAPH1601 | XAPK1601 |

| Existing references | Substitution |
|---------------------|--------------|
| XAPG11 | XAPD11 |
| XAPG1201 | XAPD1201 |
| XAPG1202 | XAPD1202 |
| XAPG14 | XAPD14 |
| XAPG1501 | XAPD1501 |
| XAPG1502 | XAPD1502 |
| XAPG1601 | XAPD1601 |
| XAPG2202 | XAPD2202 |
| XAPG2203 | XAPD2203 |
| XAPG24 | XAPD24 |
| XAPG2502 | XAPD2502 |
| XAPG2504 | XAPD2504 |
| XAPG31 | XAPD31 |
| XAPG3203 | XAPD3203 |
| XAPG34 | XAPD34 |
| XAPG3503 | XAPD3503 |
| XAPG3504 | XAPD3504 |
| XAPG3506 | XAPD3506 |
| XAPG3603 | XAPD3603 |
| XAPG3802 | XAPD2602 |
| XAPG44 | XAPD44 |
| XAPG4506 | XAPD4506 |
| XAPG4508 | XAPD4508 |
| XAPG4604 | XAPD4604 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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XAP Metal

| Description | Dimension wxhxd (mm) | Cable Gland type ISO standard | Number of Cut outs | Number of rows | | Reference | Unit MRP [₹] |
|--|----------------------|-------------------------------|--------------------|----------------|------------|------------|--------------|
| | | | | Vertical | Horizontal | | |
| Die-cast metal enclosures XAPD (grey "RAL 7035" lid and base) | | | | | | | |
| Zinc Alloy (usable depth 49mm) | 80x80x51.5 | M20 | 1 | 1 | 1 | XAPD1201 | On Request |
| | 80x80x51.5 | M20 | 2 | 2 | 0 | XAPD1202 | On Request |
| | 80x130x51.5 | M20 | 2 | 1 | 2 | XAPD2202 | On Request |
| | 80x130x51.5 | M20 | 3 | 1 | 3 | XAPD2203 | On Request |
| | 80x130x51.5 | M20 | 4 | 2 | 2 | XAPD2204 | On Request |
| | 80x175x51.5 | M20 | 3 | 1 | 3 | XAPD3203 | On Request |
| | 80x175x51.5 | M20 | 4 | 1 | 4 | XAPD3204 | On Request |
| | 80x175x51.5 | M20 | 6 | 2 | 3 | XAPD3206 | On Request |
| Zinc Alloy (usable depth 74.5mm) | 80x80x77 | M20 | 1 | 1 | 1 | XAPD1501 | On Request |
| | 80x80x77 | M20 | 2 | 2 | 1 | XAPD1502 | On Request |
| | 80x130x77 | M20 | 2 | 1 | 2 | XAPD2502 | On Request |
| | 80x130x77 | M20 | 3 | 1 | 3 | XAPD2503 | On Request |
| | 80x130x77 | M20 | 4 | 2 | 2 | XAPD2504 | On Request |
| | 80x175x77 | M20 | 3 | 1 | 3 | XAPD3503 | On Request |
| | 80x175x77 | M20 | 4 | 1 | 4 | XAPD3504 | On Request |
| | 80x220x77 | M20 | 4 | 1 | 3 | XAPD4504 | On Request |
| | 80x220x77 | M20 | 5 | 1 | 4 | XAPD4505 | On Request |
| | 80x220x77 | M20 | 6 | 1 | 5 | XAPD4506 | On Request |
| 80x220x77 | M20 | 8 | 2 | 4 | XAPD4508 | On Request | |
| Die-cast Metal enclosure XAPK (Yellow "RAL 1003" lid and base) | | | | | | | |
| Zinc Alloy(usable depth 49 mm) | 80x80x5.5 | M20 | 1 | 1 | 1 | XAPK1201 | On Request |
| Zinc Alloy(usable depth 74.5 mm) | 80x80x77 | M20 | 1 | 1 | 1 | XAPK1501 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



Human Machine Interfaces Product Line-up Guide

Harmony Panels and Industrial PCs

se.com/in

Basic HMI panels for simple machines

Harmony ST6 — High-resolution and cost-efficient basic HMI



Harmony STM6: W4", W7"
Harmony ST6/STW6: W4", W7", W10", W12", W15"



Modular Harmony STM6



Modular HMI Gateway Box



Edge Box HMI



Supporting Software



EcoStruxure Operator Terminal Expert



EcoStruxure Machine SCADA Expert



HTML 5

- Cost-effective with good quality
- Fits into Schneider EcoStruxure Architecture
- Superior high-resolution screen with 16M colors
- Powered by new-generation software "EcoStruxure Operator Terminal Expert" for high-quality graphics and stylish design
- Tool-free mounting with newly-designed mounting fastener, no need for screwdriver
- 2x Ethernet with Dual IP, end-to-end Cybersecurity
- Modular HMI version with push button 22 mm/0.866 in. mounting system
- Web HMI version with embedded browser (instead of HMI software) for visualizing HTML5 servers on industrial devices
- Remote visualization using Web Viewer feature
- Faceless HMI version with STM6 Gateway Box and Web Viewer feature for applications that do not need a full time operator screen
- Supports Cloud Services on Edge Box HMI (HMISTM6BOXIOT) due to the power of EcoStruxure Machine SCADA Expert software

Harmony STO7 — Compact color HMI



Supporting Software



Harmony STO7: W4.3"



EcoStruxure Operator Terminal Expert

- TFT color screen with 480 x 272 pixels
- Removable logo stickers
- Larger screen with full-size ratio in the 4.3" class
- 3 versions for various communication types

Harmony GTO — Standard HMI



Supporting Software



Harmony GTO: 3.5", 5.7", W7", 7", 10", 12"



Vijeo Designer

- Excellent brightness with TFT 65K colors
- Stainless steel panel for food and beverage applications
- Standard front and IP65 degree of protection
- Extended Temperature - up to 55 °C/131 °F
- Easy to install and sustainable offer
- Full range of international certifications
- No logo and full conformal coating versions available

Harmony STU — Cut-out free HMI



Supporting Software



Harmony STU: 3.5", 5.7"



Vijeo Designer

- Compact for space saving
- Innovative tool-free mounting via 22.5 mm/0.885 in. hole
- Ethernet port RJ45 10BASE-T/100BASE-TX
- Separately mounted via 3 m or 5 m cable with mounting adapter
- Modular design for easy maintenance

Harmony SCU — Cut-out free HMI controller



Supporting Software



Harmony SCU: 3.5", 5.7"



EcoStruxure Machine Expert

- Optimum all-in-one combination for HMI and Control
- Innovative tool-free mounting via 22.5 mm/0.885 in. hole
- Reduce machine assembly time and cost
- Space saving
- Embedded CANopen port for field networking
- Modular design for easy maintenance

Harmony ST6 — High-resolution and cost-efficient basic HMI



Harmony ST6 HMI panels range in sizes from 4" to 15" wide combining the exceptional quality of good graphics and stylish design. They are available in basic, modular, web and Edge Box. The ST6 and STM6 panels offer an improved user operation experience through an intuitive design powered by EcoStruxure Operator Terminal Expert software. The STW6 panels have a pre-installed browser that provides a ready-to-use agnostic terminal allowing all devices to be visualized within an HTML5 server. The Edge Box HMI ,thanks to the power of EcoStruxure™ Machine SCADA Expert software, provides an affordable Box to get ready for Cloud ServicesEcoStruxure Machine brings together key technologies for product connectivity and on-premise edge control, and cloud technologies to provide analytics and digital services. EcoStruxure Machine helps you bring more innovation and added value to your customers throughout the entire machine life cycle. The Harmony ST6/STW6/STM6 and the Edge Box HMI versions meet IIoT challenges at the Connected Products level, by providing secure communication, connectivity, and efficiency to the required software and applications at the Edge Control level, thus opening up more business opportunities.

| Product Description | Reference | Unit MRP [₹] |
|-------------------------------|---------------|--------------|
| 4" W basic operator terminal | HMIST6200 | On Request |
| 7" W basic operator terminal | HMIST6400 | On Request |
| 10" W basic operator terminal | HMIST6500 | On Request |
| 12" W basic operator terminal | HMIST6600 | On Request |
| 15" W basic operator terminal | HMIST6700 | On Request |
| "4"W basic modular terminal" | HMISTM6200 | On Request |
| "7"W basic modular terminal" | HMISTM6400 | On Request |
| Basic HMI Gateway , STM6 | HMISTM6BOX | On Request |
| "4"W basic Web terminal" | HMISTW6200 | On Request |
| 7" W basic Web terminal | HMISTW6400 | On Request |
| 10" W basic Web terminal | HMISTW6500 | On Request |
| 12" W basic Web terminal | HMISTW6600 | On Request |
| 15" W basic Web terminal | HMISTW6700 | On Request |
| Basic HMI Edge Box,STM6 | HMISTM6BOXIOT | On Request |

Harmony STO7 - Compact color HMI



- Best-in-class display
- With screen quality based on ppi similar to Harmony GTU, the Harmony STO7●●
- 4.3" color screens support crisp-clear visualization and a high quality display.
- This enables you to create more attractive and distinguished applications for industry.

| Product Description | Reference | Unit MRP [₹] |
|------------------------------------|-----------|--------------|
| 4.3" touch panel screen RS232C | HMISTO705 | On Request |
| 4.3" touch panel screen RS232C/485 | HMISTO715 | On Request |
| 4.3" touch panel screen Ethernet | HMISTO735 | On Request |
| RTC battery set | HMIZSRTC1 | On Request |

Harmony STU - Cut-out free HMI



- Harmony STU panels are compact open panels offering greater communication capabilities. The high resolution touch screens, clever mounting system, and HMI software make them ideal for machine manufacturer solutions in industry and infrastructure
- No panel cut-out is required to install a Harmony STU small panel. All you need to do is drill a hole measuring 22 mm in diameter - just like installing a pushbutton. The front module (comprising the screen) is connected to the rear module (comprising the terminals and connectors) via this 22 mm drilled hole

| Product Description | Reference | Unit MRP [₹] |
|-------------------------------------|------------|--------------|
| Touch Panel Screen 3"5 Color | HMISTU655 | On Request |
| Touch Panel Screen 5"7 Color | HMISTU855 | On Request |
| STU 3in5 without marking on overlay | HMISTU655W | On Request |
| STU 5in7 without marking on overlay | HMISTU855W | On Request |
| STU 3in5 front module | HMIS65 | On Request |
| STU 5in7 front module | HMIS85 | On Request |
| STU rear module | HMIS5T | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

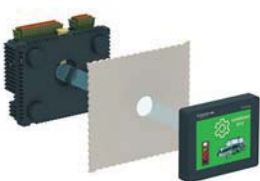
Harmony GTO - Standard HMI



- Standard and Stainless HMI panels with 3.5" to 12.1" screen.
- Harmony GTO Standard HMI panels feature optimized information and communication technologies, which, depending on the model, include:
- High level of communication (embedded Ethernet, multilink, Web server and FTP,e-mail).
- External storage of data (SD memory card and USB memory stick) for storing production data and backing up applications.
- Management of peripherals: printers, etc.
- These panels offer an excellent level of technical performance designed principally for use by OEM customers.
- The Harmony GTO range has been designed in accordance with numerous standards, certifications and requirements:
 - Standards: EN 61131-2, 61000-6-2 and UL508,
 - Certifications: C-tick, GOST-R, KCC Atex and UL Hazardous location (pending), Marine certifications (pending).
 - Operating temperature: up to 55°C
 - Degree of protection (according to IEC 60529):
 - IP 65 for standard version products
 - IP 67 for standard version products fitted with a cover for harsh environments.
 - IP 66K for "Stainless Steel" version products
- Resistance to high-pressure cleaning (conforming to DIN 40050-9): up to 10 bar for "Stainless Steel" version products.

| Product Description | Reference | Unit MRP [₹] |
|---------------------------------------|---------------|--------------|
| 3.5 Color Touch Panel QVGA-TFT | HMIGTO1300 | On Request |
| 3.5 Color Touch Panel QVGA-TFT | HMIGTO1310 | On Request |
| 5.7 Color Touch Panel QVGA-TFT | HMIGTO2300 | On Request |
| 5.7 Color Touch Panel QVGA-TFT | HMIGTO2310 | On Request |
| 5.7 Color Touch Panel QVGA Stainless | HMIGTO2315 | On Request |
| 7.0 Color Touch Panel WVGA-TFT | HMIGTO3510 | On Request |
| 7.5 Color Touch Panel VGA-TFT | HMIGTO4310 | On Request |
| 10.4 Color Touch Panel VGA-TFT. | HMIGTO5310 | On Request |
| HMIGTO5310 Coated | HMIGTO5310FC | On Request |
| HMIGTO5310 coated and logo removed | HMIGTO5310FCW | On Request |
| HMIGTO5310 logo removed | HMIGTO5310FW | On Request |
| 10.4 Color Touch Panel VGA Stainless | HMIGTO5315 | On Request |
| 12.1 Color Touch Panel SVGA-TFT | HMIGTO6310 | On Request |
| HMIGTO6310 Coated | HMIGTO6310FC | On Request |
| 12.1 Color Touch Panel SVGA Stainless | HMIGTO6315 | On Request |

Harmony SCU — Cut-out free HMI controller



The ultra-compact range of Harmony SCU HMI controllers are part of Schneider Electric's Flexible Machine Control concept, a key element in MachineStruxure™. The Harmony SCU HMI controllers offer brings together Human Machine Interface and control functions within in a single product. This reduces the amount of equipment required and the associated costs throughout the life cycle of the machine. The Harmony SCU integrate, as standard, all their functions. They benefit, in particular, from the same innovation as the Harmony STU panels range: Mounting via a 22 mm diameter hole (pushbutton type) which considerably simplifies installation.

Of modular design, this range comprises:

- 2 complete Harmony SCU products for the control of simple machines, comprising:
 - A 3.5" or 5.7" 65 k color TFT Screen module
 - A Controller module with 16 integrated digital inputs/10 integrated digital outputs
- 2 complete Harmony SCU products for the control of simple processes, comprising:
 - A 3.5" or 5.7" 65 k color TFT Screen module.
 - A Controller module with 8 integrated digital inputs/8 integrated digital outputs and 4 integrated analog inputs/2 integrated analog outputs

| Product Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| 3.5 Small Controller Panel For Machine | HMISCU6A5 | On Request |
| 3.5 Small Controller Panel For Process | HMISCU6B5 | On Request |
| 5.7 Small Controller Panel For Machine. | HMISCU8A5 | On Request |
| 5.7 Small Controller Panel For Porcess | HMISCU8B5 | On Request |
| Rear Module Small Controller Process | HMISBC | On Request |
| Rear Module Small Controller Machine | HMISAC | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Advanced HMI panels for performance machines

Harmony GTU — High performance modular HMI



Supporting Software



Harmony GTU: W7", 10", W10", 12, W12", 15", W15", W19"



EcoStruxure Operator Terminal Expert



Vijeo Designer

- 8 sizes of high-resolution displays ranging from 7" to 19", either with modern 16:9 or standard 4:3 ratio
- 3 boxes, two with Real Time OS and one with fully open Windows based
- Up to 2 separate Ethernet ports, serial communication ports, and field bus options suiting IoT
- Industrial multi-touch and fully coated offer
- All memory removable for PC-free box replacements
- Wireless LAN enabled display
- Easy to install with integrated mounting fastener and antidrop lock
- Multi-display capability with Open box using DVI interface or multi-display adapter

Harmony GTUX — eXtreme HMI



Supporting Software



Harmony GTUX: W7", W12", W15"



Vijeo Designer

- A wide temperature range from -30...+70 °C / -22 ...+158 °F
- Sunlight Readable: High brightness LCD (1000 cd/m²), anti-glare surface
- Robustness: UV Protection, conformal coated (fully coated)
- Dust and water proof (IP66F, IP67F and UL50E Type 4X (Outdoor use))
- Environmental standard: Class 1, Div. 2, ATEX/IECEX Zone 2/22
- Variety of interfaces including dual Ethernet ports
- Modular design with stainless front face
- Suitable for industry segments like Oil & gas, Water and Waste Water (WWW) management

Harmony GK — Keyboard HMI



Supporting Software



Harmony GK: 5.7", 10.4"



Vijeo Designer

- Fine control inputs even in severe environment
- Touch screen and keypad keys configurable simultaneously or separately
- Highly robust with operating temperatures up to 55 °C / 131 °F, reducing maintenance problems and time

Harmony GTU — High performance modular HMI



Harmony GTU are universal panels that include smartphone-like interface and Wireless technology. They offer unmatched comfort of use with no compromise on performance and openness.

| Product Description | Reference | Unit MRP [₹] |
|----------------------------------|-----------|--------------|
| Premium BOX for Universal Panel | HMIG3U | On Request |
| Standard Box for Universal Panel | HMIG2U | On Request |
| Open BOX for Universal Panel | HMIG5U2 | On Request |
| Open BOX Universal Panel | HMIG5U22 | On Request |
| 7W Touch Advanced Display WVGA | HMIDT351 | On Request |
| 10W Touch Advanced Display WXGA | HMIDT551 | On Request |
| 10.4 Touch Smart Display SVGA | HMIDT542 | On Request |
| 12W Touch Advanced Display WXGA | HMIDT651 | On Request |
| 12.1 Touch Smart Display XGA | HMIDT642 | On Request |
| 15 Touch Smart Display XGA | HMIDT732 | On Request |
| 15W Touch Smart Display FWXGA | HMIDT752 | On Request |
| 19W Touch Smart Display FWXGA | HMIDT952 | On Request |

Harmony GTUX — eXtreme outdoor HMI panels for harsh outdoor environment



- Harmony GTUX is a modularly designed robust terminal suitable for harsh outdoor environments. Features like high brightness and UV protection to direct sunlight, protection against water and dust, and supporting a wide range of temperatures make it an ideal choice for direct outdoor operation in O&G, WWW, and MMM segments.
- Harmony eXtreme panels can be used in applications like smart energy generation (solar, wind turbine, biomass, hydropower genset, etc.), hoisting, compressor, pumping, and car charging/washing.

| Product Description | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| Extreme BOX | HMIG3X | On Request |
| 7W Touch eXtreme Display WVGA | HMIDT35X | On Request |
| 12W Touch eXtreme Display WXGA | HMIDT65X | On Request |
| 15W Touch eXtreme Display FWXGA | HMIDT75X | On Request |
| Box Module Fixing Bracket for 7W | HMIZXFIX1 | On Request |
| Box Module Fixing Bracket for 12W & 15W | HMIZXFIX2 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Harmony GK — Keyboard HMI



- Harmony HMI GK graphic terminals share technical characteristics with Harmony GTO to enhance the operator's experience. Ultra-flexible, with two screen sizes (5"7 and 10"4), the Harmony HMI GK can be configured and controlled to precisely match your requirements.
- Designed to operate in severe environments, the Harmony HMI GK offers you optimum control on the keypad, as well as on the touch screen. The latest design is consistent with the Harmony USB keypad (HMIZKB1), ideal for keypad control on small Harmony panels

| Product Description | Reference | Unit MRP [₹] |
|---------------------------|-----------|--------------|
| 5.7 Keypad Panel QVGA-TFT | HMIGK2310 | On Request |
| 10.4 Keypad Panel VGA-TFT | HMIGK5310 | On Request |

Easy Harmony ET6

Harmony ET6 - Essential touchscreen panels for simple machines



- Range from 7" to 15", Easy Harmony ET6 is a robust and cost-effective touch screen panel that provides refined display, quick touch response and Ethernet capability. The Easy Harmony ET6 is designed with the secure development life-cycle (SDL) process and enhanced the Cybersecurity with secure boot and encrypted transfer.
- Target Segments: Packaging, HVAC, Pumping, Metal Working, Pharmacy, and other miscellaneous sectors of activities

| Product Description | Reference | Unit MRP [₹] |
|---------------------------------------|-----------|--------------|
| 7"W Easy Touch Panel, Ethernet model | HMIET6400 | On Request |
| 10"W Easy Touch Panel, Ethernet model | HMIET6500 | On Request |
| 12"W Easy Touch Panel, Ethernet model | HMIET6600 | On Request |
| 15"W Easy Touch Panel, Ethernet model | HMIET6700 | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Harmony Industrial PCs and Edge Box for line management

Harmony P6 Industrial PCs - Drive efficiency and productivity at the Edge of EcoStruxure



Supporting Software



Node-RED



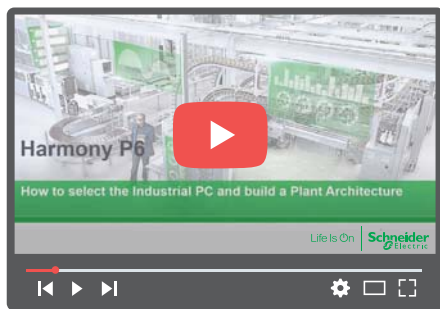
EcoStruxure Operator Terminal Expert



EcoStruxure Machine SCADA Expert



Harmony P6 Modular Box and Modular Display: 12", 15", W10", W12", W15", W19", W22"



How to select the Industrial PC and build a Plant Architecture Click to view the video

- HMIP6 ⁽¹⁾
 - Advanced Modular Box PC
 - Intel Core i5 up to 4.1 GHz or Intel Core i7 up to 4.4 GHz or Intel Celeron up to 2.0 GHz, UHD Graphics accelerator
 - 8 to 32 GB or 4 to 16 GB DDR4 RAM, 1x M.2 SSD SATA and 2x 2.5-inch SATA (HDD/SSD) storage slots
 - USB Type A (2x USB 2.0 and 2x USB 3.0), USB Type C (1x USB 3.0), 1x COM RS-232C, 2x RJ45 Ethernet, 1x Display port
 - 2x interface slots and optional extension module for 2x PCI/PCIe slots
 - Default TPM module for encryption
 - RAID HDD with Intel Rapid storage
 - Standard Modular Box PC
 - Intel Core i3 up to 3.9 GHz, UHD Graphics accelerator
 - 8 to 32 GB DDR4 RAM, 1x M.2 SSD SATA and 1x 2.5-inch SATA (HDD/SSD) storage slots
 - USB Type A (2x USB 2.0 and 2x USB 3.0), USB Type C (1x USB3.0), 1x COM RS-232C, 2x RJ45 Ethernet, 1x Display port
 - 2x interfaces slots
 - Default TPM module for encryption
- HMIDM6
 - 4:3 12" and 15" (XGA) color LCD resistive analog multi-touch (2 points) screen with 1x USB 2.0 (Type A), and front USB cover
 - 16:9 10" and 12" (WXGA)/15" (FWXGA)/19" and 21" (FHD) projected capacitive multi-touch (2 points) screen, 7H hardness, anti-scratch, 3 touch mode configuration
 - IP66, Nema 4X indoor front panel
 - All models are certified for CE, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL121201 ⁽²⁾, and CSA C22.2 No. 213 ⁽²⁾
 - All DC models are certified for IECEx/ATEX for use in Zone 2 gas/Zone 22 dust ⁽²⁾, DNV

Harmony FP6 — Industrial Flat Panel Monitors



Harmony HMIFP6 : 12", 15", W10", W12", W15", W19", W22"

- HMIFP6
 - 4:3 12" and 15" (XGA) color LCD resistive analog multi-touch (2 points) screen with 1x USB 2.0 (Type A), and front USB cover
 - 16:9 10" and 12" (WXGA)/15" (FWXGA)/19" and 22" (FHD) projected capacitive multi-touch (2 points) screen, 7H hardness, anti-scratch, 3 touch mode configuration IP66, Nema 4X indoor front panel
 - All models are certified for e, RCM, UL 61010-2-201, CSA C22.2 No. 61010-2-201, UL121201 ⁽³⁾⁽⁴⁾, and CSA C22.2 No. 213 ⁽³⁾⁽⁴⁾, IECEx/ATEX for use in Zone 2 gas/Zone 22 dust ⁽³⁾⁽⁴⁾

| Product Description | Reference | Unit MRP [₹] |
|--------------------------------------|--------------|--------------|
| FP6, 10w WXGA, PCAP, DVI, DC | HMIFP6500WCD | On Request |
| 12.1 XGA, Analog-Multi, DVI, DC | HMIFP6600TMD | On Request |
| FP6, 12w WXGA, PCAP, DVI, DC | HMIFP6600WCD | On Request |
| FP6, 15.0 XGA, Analog-Multi, DVI, DC | HMIFP6700TMD | On Request |
| FP6, 15w FWXGA, PCAP, DVI, DC | HMIFP6700WCD | On Request |
| FP6, 19w Full HD, PCAP, DVI, DC | HMIFP6800WCD | On Request |
| FP6, 22w Full HD, PCAP, DVI, DC | HMIFP6900WCD | On Request |

(1) Available as Configured-to-order only and can be ordered using the online configurator.

(2) Available in Q4 2022.

(3) Available in Q4 2022.

(4) On the front panel when properly installed in an enclosure and not using the front panel USB port.

EcoStruxure Operator Terminal Expert — Touchscreen configuration software



EcoStruxure Operator Terminal Expert



- Operate intuitively
 - Ability to go beyond the limitations of the physical screen size to improve productivity
 - Convert already created Landscape screens into Portrait screens for vertical scrolling and for screens that require many operation switches
- Reduce time to market
 - Efficient and intuitive engineering
 - For faster customization and modification
- Improve efficiency
 - High usability and image quality for the operator (experience design)
 - With Web Viewer feature, watch/operate the HMI screen remotely with mirroring function

EcoStruxure Machine SCADA Expert - Lite SCADA for line management



EcoStruxure Machine SCADA Expert



- Save time
 - Quick and easy to install directly on our iPCs
 - Save days of testing and commissioning thanks to a fully tested and validated association
 - Tailored information at a glance using BI-Dashboard template
- Save money
 - Get peace of mind and save time and resources with our single point of contact for Hardware/Software/Operating System support
 - Access SCADA level software, with all its benefits, at a competitive cost/features ratio
- Connectivity and data management
 - Includes 250+ native communication drivers
 - Monitor and control remotely your application with Mobile Access, using a tablet or smartphone

Note: For Harmony HMP6, EcoStruxure Machine SCADA Expert Runtime preinstalled version is available as an option in the online configurator.

Vijeo Designer — Classic HMI configuration software



Vijeo Designer



- Multi-platform: from optimized panels to iPCs
- Multi-panel communication: automatic data sharing between up to 8 different panels
- Multi-language: 15 languages in runtime and 38 alphabets
- Multi-protocol: on COM and Ethernet ports
- Multi-access: local or remote display with WEB Gate, Vijeo Designer Air and Vijeo Designer Air Plus
- Multi-media: video/sound record/replay capability

EcoStruxure Operator Terminal Expert - Touchscreen configuration software



- EcoStruxure Operator Terminal Expert allows you to create and edit application screens that control automation systems for Harmony GTU (Premium and Open Box)/STO color/ST6/STM6 terminals, and Harmony industrial PCs (Panel and Box).
- EcoStruxure Operator Terminal Expert features a modern and simple-to-use user interface, easy-to-access functions and information, and a multi-platform working environment. It also shortens design time by providing pre-made navigation framework.

| Product Description | Reference | Unit MRP [₹] |
|---|-----------------|--------------|
| Operator Terminal Expert Basic, Email | HMI EELCZLSPAZZ | On Request |
| Operator Terminal Expert Group, Email | HMI PELCZLSPAZZ | On Request |
| Operator Terminal Expert Pro, Email | HMI PELCZLSPAZZ | On Request |
| Operator Terminal Expert Team, Email | HMI PELCZLTPAZZ | On Request |
| Operator Terminal Expert Fixed T, Email | HMI PEXCZLSRAZZ | On Request |
| Operator Terminal Expert Runtime Email | HMI RTWCZLSPAZZ | On Request |
| EcoStruxure OTE WebGUI RT Single Paper | HMI WRT001 | On Request |
| EcoStruxure OTE WebGUI RT Group Paper | HMI WRT010 | On Request |
| EcoStruxure OTE WebGUI RT Entity Paper | HMI WRT100 | On Request |

EcoStruxure Machine SCADA Expert - Lite SCADA for line management



- EcoStruxure Machine SCADA Expert enables you to use the key features of Microsoft operating system and build a full-featured SCADA or HMI project for your industrial automation business.
- EcoStruxure Machine SCADA Expert is designed in a modern, ribbon-based Windows interface to provide an integrated and user-friendly development environment.
- EcoStruxure Machine SCADA Expert supports capabilities like scripting, animation, E-mail, recipes, security, tags database, multi-touch, alarms, trends, scalability, multilanguage, FDA traceability, PDF export, graphics and design tools, and so on.
- For applications ranging from complex machine control and monitoring to plant supervision and SCADA, EcoStruxure Machine SCADA Expert with Harmony iPC association makes industrial operations smooth and stress-free.

| Product Description | Reference | Unit MRP [₹] |
|--|-------------------|--------------|
| EcoStruxure Machine SCADA Expert Basic Runtime license with 500 tags | HMI EMSE3PRT500A | On Request |
| EcoStruxure Machine SCADA Expert Supervision, Third party runtime license with 500 tags | HMI EMSE3PRT500A | On Request |
| EcoStruxure Machine SCADA Expert Line management, Upgrade license for third party runtime license with 1500 tags | HMI EMSE3PUG1KRTA | On Request |
| EcoStruxure Machine SCADA Expert Basic Buildtime license with 500 tags | HMI EMSEBT500A | On Request |
| EMSE 3 Party 1.5K Tag RT License | HMI EMSE3PRT1KA | On Request |
| EMSE 3 Party 32K Tag RT License | HMI EMSE3PRT32KA | On Request |
| EMSE 3 Party 4K Tag RT License | HMI EMSE3PRT4KA | On Request |
| EMSE 3 Party 64K Tag RT License | HMI EMSE3PRT64KA | On Request |
| EMSE 1.5K Tag BT License | HMI EMSEBT1KA | On Request |
| EMSE 32K Tag BT License | HMI EMSEBT32KA | On Request |
| EMSE 4K Tag BT License | HMI EMSEBT4KA | On Request |
| EMSE 64K Tag BT License | HMI EMSEBT64KA | On Request |
| EMSE 1.5K Tag RT License | HMI EMSE3PRT1KA | On Request |
| EMSE 32K Tag RT License | HMI EMSE3PRT32KA | On Request |
| EMSE 4K Tag RT License | HMI EMSE3PRT4KA | On Request |
| EMSE 64K Tag RT License | HMI EMSE3PRT64KA | On Request |
| EMSE Thin Client | HMI EMSETCA | On Request |
| EcoStruxure Machine SCADA Expert, USB hardkey license | HMI EMSEUSBL | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Vijeo Designer — Classic HMI configuration software



The cross-platform VijeoDesigner™ configuration software can be used to create operator dialogue applications for controlling automation systems for the following panels:

- Harmony STU (Vijeo Designer Limited Edition is sufficient)
- Harmony GTO
- Harmony GTU
- Harmony GTUX
- Harmony GK
- Magelis XBTGH portable
- Harmony Panel PCs and Box PCs (HMIBMP, HMIBMU, HMIPSP, HMIPSO, HMIPEP)
- Harmony P6

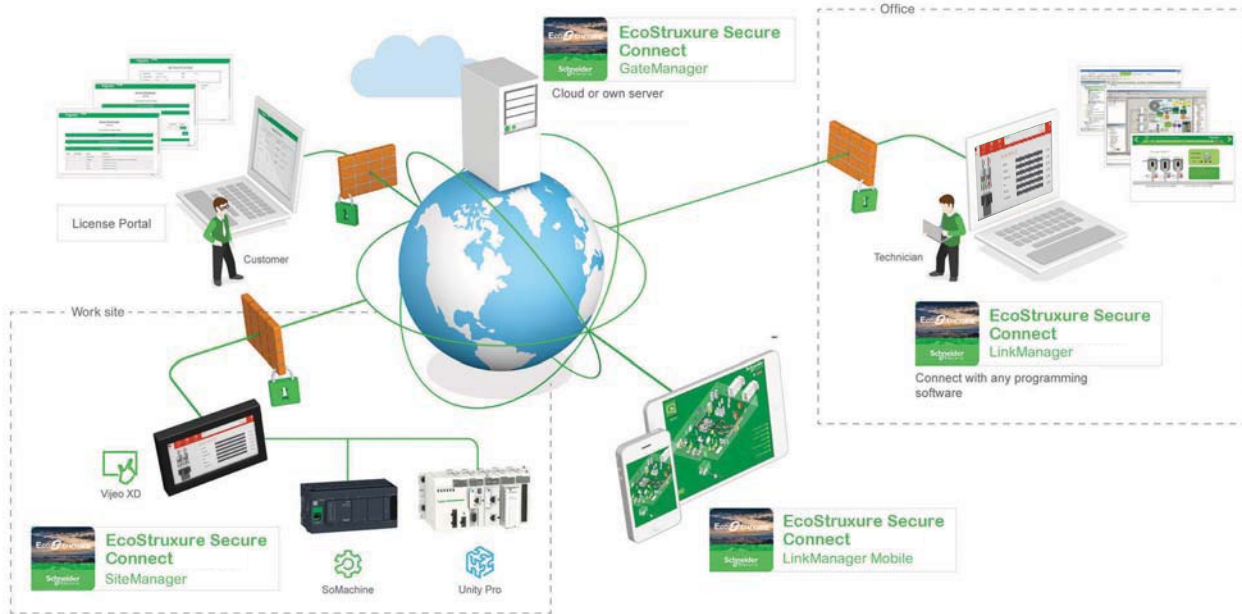
| Product Description | Reference | Unit MRP [€] |
|---|--------------|--------------|
| Vijeo Designer 6.3, HMI configuration software single license | VJDBTPRO1P | On Request |
| Vijeo Designer 6.3, HMI configuration software group license | VJDBTPRO3P | On Request |
| Vijeo Designer 6.3, HMI configuration software team license | VJDBTPRO10P | On Request |
| Vijeo Designer 6.3, HMI configuration software entity license | VJDBTPRO100P | On Request |
| Vijeo Designer 6.3, HMI configuration software single upgrade license | VJDUBTPRO1P | On Request |
| VJD Runtime, Vijeo Designer, Standard PC | VJDRTPROS1P | On Request |
| VJD Runtime, Vijeo designer, Harmony P6 | VJDRTPROH1P | On Request |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

EcoStruxure Secure Connect — Secure remote access solution



- Provides a secure connection between remote display units on the work site (via SiteManager Embedded) and computers or smart devices in the office (via LinkManager) over a secure central server (GateManager).
- With EcoStruxure Secure Connect, maintenance personnel can access Schneider Electric software and update it remotely and securely via the HMI, PLC, and other connected devices as if they were on site.
- Troubleshooting and repairs can be performed remotely upon request.

EcoStruxure Secure Connect - Secure remote access solution



EcoStruxure Secure Connect provides a secure connection between remote display units on the work site (via SiteManager Embedded) and computers or smart devices in the office (via LinkManager) over a secure central server (GateManager). With EcoStruxure Secure Connect, technicians and programmers can remotely access the Schneider Electric software and securely update it via the HMI, PLC, and other connected devices just as though they were present on site. Troubleshooting and repair can also be performed remotely upon request.

| Product Description | Reference | Unit MRP [₹] |
|--|---------------|--------------|
| Vijeo Connect Link Manager License | VJOCNTLML | On Request |
| Vijeo Connect Link Manager Mobile Lic | VJOCNTLMM | On Request |
| Secure Connect Enterprise Pack | VJOCNTPACKENT | On Request |
| Secure Connect Essential Pack | VJOCNTPACKESS | On Request |
| Vijeo Connect Site Manager Basic License | VJOCNTSMBASIC | On Request |
| Vijeo Connect Site Manager Ext 10 Lic | VJOCNTSMEXT10 | On Request |
| Vijeo Connect Site Manager Ext 5 Lic | VJOCNTSMEXT5 | On Request |
| Vijeo Connect User statistics | VJOCNTSTAT | On Request |
| Vijeo Connect Gate Manager PremiumAccess | VJOCNTGMPREM | On Request |



Green Premium™

An industry leading portfolio of offers delivering sustainable value



More than 75% of our product sales offer superior transparency on the material content, regulatory information and environmental impact of our products:

- RoHS compliance
- REACh substance information
- Industry leading # of PEP's*
- Circularity instructions



Discover what we mean by green
Check your products!

The Green Premium program stands for our commitment to deliver customer valued sustainable performance. It has been upgraded with recognized environmental claims and extended to cover all offers including Products, Services and Solutions.

CO₂ and P&L impact through... Resource Performance

Green Premium brings improved resource efficiency throughout an asset's lifecycle. This includes efficient use of energy and natural resources, along with the minimization of CO₂ emissions.

Cost of ownership optimization through... Circular Performance

We're helping our customers optimize the total cost of ownership of their assets. To do this, we provide IoT-enabled solutions, as well as upgrade, repair, retrofit, and remanufacture services.

Peace of mind through... Well-being Performance

Green Premium products are RoHS and REACh compliant. We're going beyond regulatory compliance with step-by-step substitution of certain materials and substances from our products.

Improved sales through... Differentiation

Green Premium delivers strong value propositions through third-party labels and services. By collaborating with third-party organizations we can support our customers in meeting their sustainability goals such as green building certifications.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



TeSys

> Control > Protect > Power > Active

Innovative and connected solutions for motor starters

TeSys is an innovative motor control and management solution from the global market leader. TeSys offers connected, efficient products and solutions for switching and protection of motors and electrical loads in compliance with all major global electrical standards

TeSys Function Names

TeSys components are grouped by function name, for easier identification. These functions are related to motor, power, control and protection.

> TeSys Power:

Components for powering motors



> TeSys Control:

Components for controlling motors



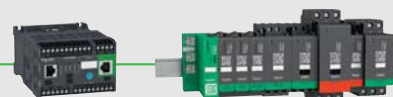
> TeSys Protect:

Components for protecting motors



> TeSys Active:

Connected components for motor circuits



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Start smart. Run smart. With TeSys motor controls.



Stay smart with the world's best-selling motor control solutions from the inventor of the world's first contactor - Schneider Electric™.

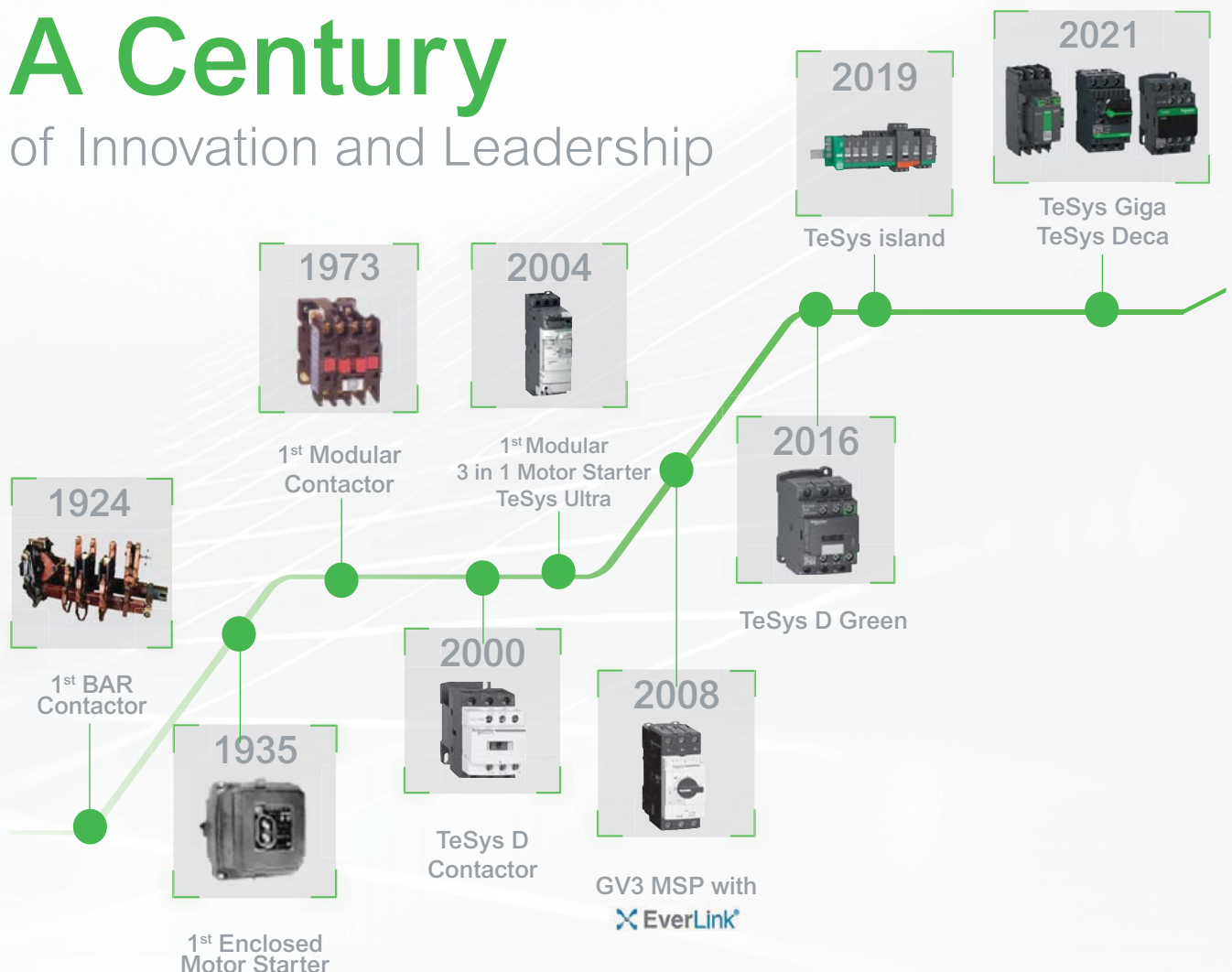
For almost a century, TeSys motor controls have driven the industry with innovations in motor protection, monitoring, and control.

It started with the introduction of the industry's first BAR contactor in 1924, and today, the legacy of innovation is built into every TeSys motor control device.

Best-in-class safety and reliability, plug-and-play architecture, and flexible functionality mean TeSys motor control solutions can meet your requirements across a wide range of applications, from the most common to the most advanced.

Wherever you are and anywhere your projects come together, you can trust Schneider Electric and TeSys contactors, circuit breakers, relays, and switches for unmatched reliability, complete compatibility with international standards, and the robust support of the Schneider Electric global supply network.

A Century of Innovation and Leadership



Superior safety for all industries

TeSys motor controls come with all of the isolation, protection and emergency handling you need to comply with international codes. High-contrast covers identify safety-critical devices to prevent inadvertent manual operation. Every TeSys contactor is both mechanically linked and equipped with mirror contacts for safety applications and wherever auxiliary contact state reliability is critical.



HVAC

Ensure 24/7 availability of your HVAC system with reliable products that can reach high ambient temperatures without derating.



Conveying

Decentralize the control cabinet of your conveyor line and benefit from up to 80% space reduction.



Genset

Make certain your generator starts even in the harshest conditions with robust TeSys solutions.



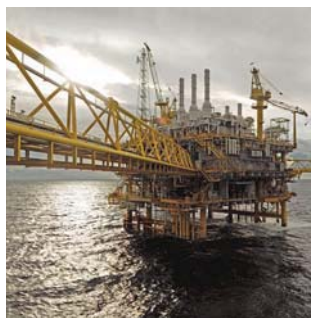
Pumping

Optimize single or multi-drive boosters for industry or infrastructure with energy and cost-effective solutions.



Packaging

Keep pace with the most demanding, high-end packing applications with solutions that can perform 30 million AC53a electrical cycles, like TeSys H.



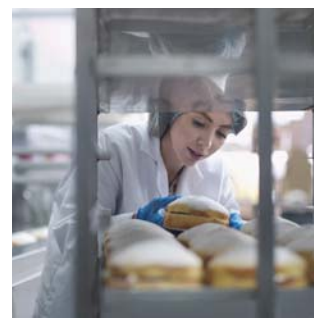
Oil and Gas

Keep your employees and assets safe and improve uptime in onshore and offshore applications: pipeline operations: LNG and natural gas processing: and refining and petrochemical applications.



Water and Wastewater

Optimize the treatment and delivery of safer water by reducing energy usage and lowering operating costs.



Food and Beverage

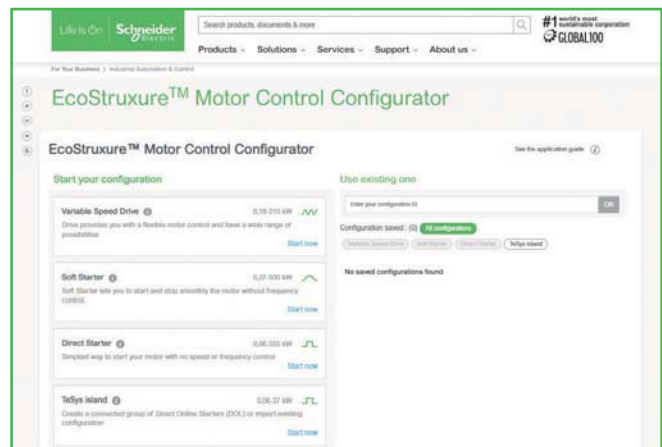
Serve your customers with environmentally friendly products to improve sustainability, efficiency, and flexibility, allowing you to adapt to changing customer habits.

Online selection tool

EcoStruxure™ Motor Control Configurator

For Direct-On-Line and Star-Delta starters, motor circuit breakers with advanced protection, motor management relays, configurations for total coordination, drives, and soft starters.

No matter what kind of starting method you need, our online EcoStruxure™ Motor Control Starter Configurator will help you to quickly and easily select the optimal combination of components to ensure maximized motor safety, protection, and uptime.



Scan or click on the QR code

TeSys Range

TeSys Component Series Names

Series names are now grouped as per the current ratings

- Series names group conventional components (circuit breakers, contactors, relays, overcurrent relays) by current rating ranges.
 - 0 to 16 A > **TeSys K** Series
 - 9 to 150 A > **TeSys 'Deca'** Series
 - 185 to 800 A > **TeSys 'Giga'** Series.
- TeSys advanced components have a specific classification.
 - 0 to 38 A All-in-one starters > **TeSys 'Ultra'** Series
 - 0 to 80 A Motor Control/Protection/Monitoring system > **TeSys 'island'** Series.
- Other TeSys component names remain unchanged (TeSys F, TeSys B, TeSys T).

> TeSys K Series

The essential line for motors up to 7.5kW/16A direct on TeSys K series of Motor Starters



> TeSys Deca Series

The industrial standard for motors up to 75kW/150A direct on TeSys Deca series of Motor Starters



> TeSys Giga Series

For large motors up to 450kW/800A direct on TeSys Giga Series



> TeSys Ultra Series

The most compact totally coordinated solution for Motor Starters. For Direct On Line or Reversing Motor Control and Drive Protection upto 18.5kW/38 A on TeSys Ultra series



> TeSys Island Series

Digitally powered monitoring, control and protection of electrical motors up to 37kW/80 A on TeSys Island Series



TeSys Control

TeSys K

Control Relays - K Model (AC & DC Control)



- Conformance IEC, UL, CSA, CE Marking
- Inbuilt 4 auxiliary contacts
- 10A thermal rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options

| No of Poles | AC Control Reference | Unit MRP [₹] | | | | DC Control Reference ⁽⁴⁾ | Unit MRP [₹] | | |
|-------------|----------------------|--------------|-----------|-----------|-----------|-------------------------------------|--------------|-----------|-----------|
| | | B7 (24V) | F7 (110V) | M7 (220V) | N7 (415V) | | BD (24V) | FD (110V) | MD (220V) |
| 2NO + 2NC | CA2KN22* | 1770 | 1770 | 1770 | 1770 | CA3KN22** | 2440 | 2440 | 2440 |
| 3NO + 1NC | CA2KN31* | 1770 | 1770 | 1770 | - | CA3KN31** | 2440 | 2440 | 2440 |
| 4NO | CA2KN40* | 1770 | 1770 | 1770 | 2115 | | | | |

| No of Poles | DC low consumption Reference ^{(1) (2) (3)} | Unit MRP [₹] | | |
|-------------|---|--------------|-----------|-----------|
| | | BW3 (24V) | EW3 (48V) | SW3 (72V) |
| 2NO + 2NC | CA4KN22*** | 3020 | 3625 | 3020 |
| 3NO + 1NC | CA4KN31*** | 3020 | 3625 | - |
| 4NO | CA4KN40*** | 3020 | - | - |

For other coil voltage ratings regarding above, please contact Schneider Electric customer care.

* Reference to be completed by adding coil voltage code

- (1) Compatible with PLC outputs
 (2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard
 (3) 2 pole auxiliary contact block can be mounted additionally
 (4) Optional in-built surge suppressor available

Power Contactors - K Model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 6A to 16A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption⁽⁵⁾ coil options

| Motor Power (kW) | Auxiliary Contacts | AC Control Reference | Unit MRP [₹] | | | | DC Control Reference ⁽⁵⁾ | Unit MRP [₹] | | |
|------------------|--------------------|----------------------|--------------|-----------|-----------|-----------|-------------------------------------|--------------|-----------|-----------|
| | | | B7 (24V) | F7 (110V) | M7 (220V) | N7 (415V) | | BD (24V) | FD (110V) | MD (220V) |
| 3 | 1NC | LC1K0601* | 1485 | 1485 | 1485 | 1805 | LP1K0601** | 2300 | 2780 | 2300 |
| | 1NO | LC1K0610* | 1485 | 1485 | 1485 | 1485 | LP1K0610** | 2300 | 2780 | 2300 |
| 5.5 | 1NC | LC1K0901* | 1555 | 1555 | 1555 | 1875 | LP1K0901** | 2500 | 2500 | 2500 |
| | 1NO | LC1K0910* | 1555 | 1555 | 1555 | 1555 | LP1K0910** | 2500 | 2500 | 2500 |
| 7.5 | 1NC | LC1K1201* | 1760 | 1760 | 1760 | - | LP1K1201** | 2900 | 2900 | - |
| | 1NO | LC1K1210* | 1760 | 1760 | 1760 | 2120 | LP1K1210** | 2900 | 3510 | - |
| 10 | 1NC | LC1K1601* | 2075 | 2075 | 2075 | - | - | - | - | - |
| | 1NO | LC1K1610* | 2075 | 2075 | 2075 | - | - | - | - | - |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code

(5) For low consumption offer, please contact Customer Care

Reversing Contactors - K Model



- Conformance to IEC, UL, CSA, CE
- Current Rating : 6A to 16A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC(50/60Hz Dual frequency), DC & DC low consumption⁽⁶⁾ coil options

| Motor Power (kW) | Auxiliary Contacts | AC Control Reference | Unit MRP [₹] | |
|------------------|--------------------|----------------------|--------------|-----------|
| | | | F7 (110V) | M7 (220V) |
| 3 | 1 NC | LC2K0601* | 4945 | 4945 |
| | 1 NO | LC2K0610* | 4945 | 4945 |
| 5.5 | 1 NC | LC2K0901* | 5280 | 5280 |
| | 1 NO | LC2K0910* | 5280 | 5280 |
| 7.5 | 1 NC | LC2K1201* | 5440 | 5440 |
| | 1 NO | LC2K1210* | 5440 | 5440 |
| 10 | 1 NC | LC2K1601* | 7310 | - |
| | 1 NO | LC2K1610* | 6075 | 7310 |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code

(6) For current rating and ref please contact Customer Care

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys K

Accessories - K Model

| Description | Mounting | Contacts | Reference | Unit MRP [₹] |
|-------------------------|----------|-----------|---|--------------|
| Auxiliary contact block | Front | 2NC | LA1KN02 | 805 |
| | Front | 1NO + 1NC | LA1KN11 <input checked="" type="checkbox"/> | 735 |
| | Front | 2NO | LA1KN20 | 805 |
| | Front | 4NC | LA1KN04 | 1240 |
| | Front | 1NO + 3NC | LA1KN13 | 1240 |
| | Front | 2NO + 2NC | LA1KN22 <input checked="" type="checkbox"/> | 1240 |
| | Front | 3NO + 1NC | LA1KN31 | 1240 |
| | Front | 4NO | LA1KN40 | 1240 |

| Description | Control Voltage | Range | Reference | Unit MRP [₹] |
|---------------------------|-----------------|--------|------------------------|--------------|
| On Delay Electronic Timer | 24..48V AC/DC | 1..30S | LA2KT2E ⁽¹⁾ | 4055 |

| Description | Coil Voltage | Reference | Unit MRP [₹] |
|-------------------------------|-----------------|-----------|--------------|
| Surge Suppressor - RC Circuit | 220..250V AC | LA4KA1U* | 1265 |
| Surge Suppressor - Varistor | 130..250V AC/DC | LA4KE1UG* | 1265 |
| Surge Suppressor - Varistor | 50..129V AC/DC | LA4KE1FC* | 1265 |

* Lot size 5

(1) Front mounted with common point changeover contact

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Capacitor Duty Contactor

Capacitor Duty Contactor



| Nominal Reactive Power 440V | Auxiliary Contacts | Reference | Unit MRP [₹] | |
|---|--------------------|-----------|--------------|-----------|
| | | | F7 (110 V) | M7 (220V) |
| LC1-D•K - with Damping Resistors & Block of Early Make poles | | | | |
| 12.5 kVar | 1NO + 2NC | LC1DFK* | 5550 | 5550 |
| 16.7 kVar | 1NO + 2NC | LC1DGK* | 7795 | 7795 |
| 20 kVar | 1NO + 2NC | LC1DLK* | - | 8755 |
| 25 kVar | 1NO + 2NC | LC1DMK* | 9605 | 9605 |
| 32 kVar | 1 NO + 2NC | LC1DPK* | 20925 | 20925 |
| 40 kVar | 1NO + 2NC | LC1DTK* | 28825 | 28825 |
| 60 kVar | 1NO + 2NC | LC1DWK12* | 32450 | 32450 |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code



Instruction Manual
Video for Capacitor
Duty Contactors



Guide for the Design
and Production of LV
Power Factor
Correction Cubicles

For complete information on selection of capacitor switching please refer to the TeSys catalogue

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

The next-generation TeSys Deca series motor starters offer a reliable and robust solution for a faster machine time-to-market. It has a new modern look & feel and is designed to meet the requirements of Electro domestic applications. Ease of operation and reliability is guaranteed with the new multi-standard screws. Digital customer experience is enhanced with a QR embedded from product to packaging.

TeSys Deca Control Contactors (AC & DC Control)



- Conformance to IEC, UL, CSA
- 5 inbuilt auxiliary contacts, in just 2 variants
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature upto 60 Deg C
- Inbuilt surge suppressor for DC & DC low consumption

| No of Poles | AC Control Reference | Unit MRP [₹] | | | | DC Control Reference ⁽⁴⁾ | Unit MRP [₹] | | |
|-------------|----------------------|--------------|-----------|-----------|-----------|-------------------------------------|--------------|-----------|-----------|
| | | B7 (24V) | F7 (110V) | M7 (220V) | N7 (415V) | | BD (24V) | FD (110V) | MD (220V) |
| 3NO + 2NC | CAD32* | 1910 | 1910 | 1910 | 1910 | CAD32** | 2745 | 2745 | 2745 |
| 5NO | CAD50* | 1910 | 1910 | 1910 | - | CAD50** | 2745 | 2745 | 2745 |

| No of Poles | DC low consumption Reference ^{(1) (2) (3)} | Unit MRP [₹] | |
|-------------|---|--------------|-----------|
| | | BL (24V) | ML (220V) |
| 3NO + 2NC | CAD32*** | 3435 | 5820 |
| 5NO | CAD50*** | 3435 | - |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code

(1) Compatible with PLC outputs

(2) Wide range coil (0.7...1.25Uc), suppressor fitted as standard

(3) 2 pole auxiliary block can be mounted

Power Contactors - Deca Model (3 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption coil options
- High Operating ambient temperature, no derating upto 60 Deg C
- Inbuilt 1NO + 1NC auxiliary contacts upto 150A
- High electrical and mechanical life
- Fuse-less Type 2 Co-ordination Charts available
- EverLink® terminal for 40, 50, 65 & 80A contactors
- Inbuilt surge suppressor in DC coil for 9-80A

| [le] Rated Operational Current AC-1 | kW | AC-3 Duty | | | Auxiliary Contacts | AC Control Reference | Unit MRP [₹] | | |
|-------------------------------------|------|-----------|-----|-------------|--------------------|----------------------|--------------|-----------|-----------|
| | | HP | A | A | | | M7 (220V) | N7 (415V) | F7 (110V) |
| 25 | 4 | 5.5 | 9 | 1 NO + 1 NC | LC1D09* | 1915 | 1915 | 1915 | |
| 25 | 5.5 | 7.5 | 12 | 1 NO + 1 NC | LC1D12* | 2155 | 2155 | 2155 | |
| 32 | 9 | 12.5 | 18 | 1 NO + 1 NC | LC1D18* | 2500 | 2500 | 2500 | |
| 40 | 11 | 15 | 25 | 1 NO + 1 NC | LC1D25* | 3095 | 3095 | 3095 | |
| 50 | 15 | 20 | 32 | 1 NO + 1 NC | LC1D32* | 6015 | 6015 | 6015 | |
| 50 | 18.5 | 25 | 38 | 1 NO + 1 NC | LC1D38* | 8675 | 8675 | 8675 | |
| 60 | 22 | 30 | 40 | 1 NO + 1 NC | LC1D40A* | 9105 | 9105 | 9105 | |
| 80 | 25 | 35 | 50 | 1 NO + 1 NC | LC1D50A* | 11865 | 11865 | 11865 | |
| 80 | 37 | 50 | 65 | 1 NO + 1 NC | LC1D65A* | 16460 | 16460 | 16460 | |
| 125 | 45 | 60 | 80 | 1 NO + 1 NC | LC1D80* | 24895 | 24895 | 24895 | |
| 125 | 45 | 60 | 95 | 1 NO + 1 NC | LC1D95* | 26495 | 26495 | 26495 | |
| 250 | 59 | 80 | 115 | 1 NO + 1 NC | LC1D115* | 32605 | 32605 | 32605 | |
| 250 | 80 | 110 | 150 | 1 NO + 1 NC | LC1D150* | 40760 | 40760 | 40760 | |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

| [le] Rated Operational Current AC-1 | AC-3 Duty | | | Auxiliary Contacts | DC Control Reference ⁽¹⁾ | Unit MRP [₹] | | |
|-------------------------------------|-----------|------|-----|--------------------|-------------------------------------|--------------|-----------|-----------|
| | kW | HP | A | | | BD (24V) | FD (110V) | MD (220V) |
| 25 | 4 | 5.5 | 9 | 1 NO + 1 NC | LC1D09* | 3025 | 3025 | 3025 |
| 25 | 5.5 | 7.5 | 12 | 1 NO + 1 NC | LC1D12* | 3400 | 3400 | 3400 |
| 32 | 9 | 12.5 | 18 | 1 NO + 1 NC | LC1D18* | 4190 | 4190 | 4190 |
| 40 | 11 | 15 | 25 | 1 NO + 1 NC | LC1D25* | 5295 | 5295 | 5295 |
| 50 | 15 | 20 | 32 | 1 NO + 1 NC | LC1D32* | 10800 | 10800 | 10800 |
| 50 | 18.5 | 25 | 38 | 1 NO + 1 NC | LC1D38* | 12760 | 12760 | 12760 |
| 60 | 22 | 30 | 40 | 1 NO + 1 NC | LC1D40A* | 15285 | 15285 | 15285 |
| 80 | 25 | 35 | 50 | 1 NO + 1 NC | LC1D50A* | 19180 | 19180 | 19180 |
| 80 | 37 | 50 | 65 | 1 NO + 1 NC | LC1D65A* | 21750 | 21750 | 21750 |
| 125 | 45 | 60 | 80 | 1 NO + 1 NC | LC1D80* | 29540 | 29540 | 29540 |
| 125 | 45 | 60 | 95 | 1 NO + 1 NC | LC1D95* | 32375 | 32375 | 32375 |
| 250 | 59 | 80 | 115 | 1 NO + 1 NC | LC1D115* | 38260 | 38260 | 38260 |
| 250 | 80 | 110 | 150 | 1 NO + 1 NC | LC1D150* | 45915 | 45915 | 45915 |

For other coil voltage ratings contactors, please contact Customer Care.
 * Reference to be completed by adding coil voltage code

TeSys Deca Power Contactors (3 Pole DC Low Consumption)

Now available upto 80A with the TeSys Deca Green Low Consumption offer

| [le] Rated Operational Current AC1 | Motor Power (Long Life) AC3 | | | Auxiliary Contacts | Reference | Unit MRP [₹] | |
|------------------------------------|-----------------------------|------|----|--------------------|------------|--------------|----------|
| | kW | HP | A | | | BL (24V) | EL (48V) |
| 25 | 4 | 5.5 | 9 | 1 NO + 1 NC | LC1D09**** | 3320 | 3320 |
| 25 | 5.5 | 7.5 | 12 | 1 NO + 1 NC | LC1D12**** | 3715 | 3715 |
| 32 | 9 | 12.5 | 18 | 1 NO + 1 NC | LC1D18**** | 5675 | 5675 |
| 40 | 11 | 15 | 25 | 1 NO + 1 NC | LC1D25**** | 6915 | 6915 |
| 50 | 15 | 20 | 32 | 1 NO + 1 NC | LC1D32**** | 11825 | 11825 |

| [le] Rated Operational Current AC1 | Motor Power (Long Life) AC3 | | | Auxiliary Contacts | Reference | Unit MRP [₹] | | | |
|------------------------------------|-----------------------------|----|----|--------------------|-----------|--------------|--------------------|---------------------|----------------------|
| | kW | HP | A | | | BBE (24V DC) | BNE (24-60V AC/DC) | EHE (48-130V AC/DC) | KUE (100-250V AC/DC) |
| 60 | 22 | 30 | 40 | 1 NO + 1 NC | LC1D40A# | 15285 | 15285 | 15285 | 15285 |
| 80 | 25 | 35 | 50 | 1 NO + 1 NC | LC1D50A# | 19180 | 19180 | 19180 | 19180 |
| 80 | 37 | 50 | 65 | 1 NO + 1 NC | LC1D65A# | 21750 | 21750 | 21750 | 21750 |
| 80 | 37 | 50 | 80 | 1 NO + 1 NC | LC1D80A# | 26400 | 26400 | 26400 | 26400 |

For other coil voltage ratings contactors, please contact Customer Care.
 * Reference to be completed by adding coil voltage code

TeSys Deca Power Contactors (4 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption⁽¹⁾ coil options
- High Operating ambient temperature, no derating upto 60 deg C

| [le] Rated Operational Current AC1 | Poles Composition | AC control Reference | Unit MRP [₹] M7 (220V) | DC control Reference | Unit MRP [₹] | | |
|------------------------------------|-------------------|----------------------|------------------------|----------------------|--------------|-----------|-----------|
| | | | | | BD (24V) | FD (110V) | MD (220V) |
| 20 | 4NO | - | - | LC1DT20** | 3655 | 3655 | 3655 |
| | 2NO+2NC | - | - | LC1D098** | 3980 | 3980 | 3980 |
| 25 | 4NO | - | - | LC1DT25** | 4390 | 4390 | 4390 |
| | 2NO+2NC | - | - | LC1D128** | 5730 | 5730 | 5730 |
| 32 | 4NO | - | - | LC1DT32** | 4825 | 8185 | 5780 |
| | 2NO+2NC | - | - | LC1D188** | 6525 | 7810 | 6525 |
| 40 | 4NO | - | - | LC1DT40** | 7565 | 7565 | 7565 |
| | 2NO+2NC | - | - | LC1D258** | 9970 | 9970 | 9970 |
| 60 | 4NO | - | - | LC1DT60A# | 15135 | 18135 | 18135 |
| | 2NO+2NC | - | - | LP1D40008** | 19890 | 23835 | 19890 |
| 80 | 4NO | - | - | LC1DT80A# | 22580 | 22580 | - |
| | 2NO+2NC | - | - | LP1D65008** | 26740 | 26740 | - |
| 125 | 4NO | - | - | LP1D80004** | 28965 | 34705 | - |
| | 2NO+2NC | - | - | LP1D80008** | 33420 | 40040 | 33420 |
| 250 | 4NO | LC1D1150046* | 36505 | LC1D1150046** | 40555 | 40555 | - |

Note: Please contact Customer Care for 4 Pole AC coil contactor details
⁽¹⁾ For current rating and ref please contact Customer Care
 For other coil voltage ratings contactors, please contact Customer Care.
 * Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



TeSys Deca Green

The Revolutionary Electronic Coil Contactor



Complete range in 3 frame sizes:

09-12-18A

25-32-38A

40-50-65-80A

 -80%

Up to 80% less energy consumption than a traditional electromechanical motor starter

10X Reduction
in references

Only 3 references to cover the complete voltage range for AC and DC

 -35%

Highest currents in smallest size, e.g.

PLC Compatible

Direct connection to a PLC without the need for an interposing relay

SEMIF47

High uptime thanks to wide band coil with high resistance to voltage surges/SEMIF47 conform



Scan to see TeSys Deca Green under voltage performance.

TeSys Control

TeSys Deca

TeSys Deca Green Contactor (3 Pole AC/DC Universal Coil)



- Universal AC/DC coil from 24 - 250V
- Special low consumption offer from 40-80A
- Fuseless Type 2 Co-ordination charts available

The Revolutionary Electronic Coil Contactor

| [Ie] Rated Operational Current AC1 | AC3 Duty (Long Life) | | | Auxiliary Contacts | Reference | Unit MRP [₹] | | |
|------------------------------------|----------------------|------|----|--------------------|-----------|--------------------|---------------------|----------------------|
| | kW | HP | A | | | BNE (24-60V AC/DC) | EHE (48-130V AC/DC) | KUE (100-250V AC/DC) |
| 25 | 4 | 5.5 | 9 | 1NO + 1NC | LC1D09* | 3940 | 3940 | 3940 |
| 25 | 5.5 | 7.5 | 12 | 1NO + 1NC | LC1D12* | 4085 | 4085 | 4085 |
| 32 | 9 | 12.5 | 18 | 1NO + 1NC | LC1D18* | 5390 | 5390 | 5390 |
| 40 | 11 | 15 | 25 | 1NO + 1NC | LC1D25* | 6435 | 6435 | 6435 |
| 50 | 15 | 20 | 32 | 1NO + 1NC | LC1D32* | 13075 | 13075 | 13075 |
| 50 | 18.5 | 25 | 38 | 1NO + 1NC | LC1D38* | 14110 | 16760 | 14110 |
| 60 | 22 | 30 | 40 | 1NO + 1NC | LC1D40A* | 15285 | 15285 | 15285 |
| 80 | 25 | 35 | 50 | 1NO + 1NC | LC1D50A* | 19180 | 19180 | 19180 |
| 80 | 37 | 50 | 65 | 1NO + 1NC | LC1D65A* | 21750 | 21750 | 21750 |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code

TeSys Deca Green Power Contactors (4 Pole AC & DC Control)

| [Ie] Rated Operational Current AC-1 | Poles Composition | Auxiliary Contacts | DC Control Reference | BBE (24V DC only) | Unit MRP [₹] | | |
|-------------------------------------|-------------------|--------------------|----------------------|-------------------|--------------------|---------------------|----------------------|
| | | | | | BNE (24-60V AC/DC) | EHE (48-130V AC/DC) | KUE (100-250V AC/DC) |
| 60 | 4NO | 1NO + 1NC | LC1DT60A* | 15135 | 15135 | 15135 | 15135 |
| 80 | 4NO | 1NO + 1NC | LC1DT80A* | 22580 | 22580 | 22580 | 22580 |

Coil Voltage Code

| Type | Voltage | 24-60V AC/DC | 48-130V AC/DC | 100-250V AC/DC |
|-------------------------|---|-------------------|---------------|----------------|
| AC/DC* | LC1D09 - D38, LC1D40A - 80A, LC1DT60A - 80A | BNE | EHE | KUE |
| 24V DC Low Consumption* | LC1D40A - 80A, LC1DT60A - 80A | BBE (24V DC only) | - | - |

For other coil voltage ratings contactors, please contact Customer Care.

* Reference to be completed by adding coil voltage code



Check the features of the TeSys Deca Green

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

| Description | For use with | Reference | Unit MRP [₹] |
|--|---|------------------------|--------------|
| Power connection accessories | | | |
| Terminal block | For supply to one or more GV2 G busbar sets | GV1G09 | 2370 |
| Set of 63A busbars for parallelling of contactors | 2 contactors LC1D09...D18 or D25...D38 | GV2G245 | 2300 |
| | 4 contactors LC1D09...D18 or D25...D38 | GV2G445 | 3620 |
| Set of 115A busbars for parallelling of contactors | 2 contactors LC1D40A...D80A | GV3G264 | 4135 |
| | 3 contactors LC1D40A...D80A | GV3G364 ⁽¹⁾ | 2210 |
| Set of S-shape busbars | For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A | GV3S | 1655 |

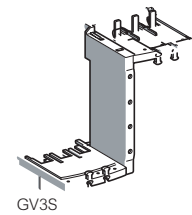
**Not applicable for GV3P/GV3L 73A and 80A



| Description | For use with | Reference | Unit MRP [₹] |
|----------------------|--|-----------|--------------|
| Mechanical interlock | LC1D09 to D38(1) | LAD9V2 | 845 |
| | LC1D40A to D65A(1) | LAD4CM | 1715 |
| | LC1D80 and D95 (for AC control voltage) | LA9D4002 | 3760 |
| | LC1D80 and D95 (for DC control voltage)(2) | LA9D8002 | 5595 |
| | LC1D115 and D150(2) | LA9D11502 | 5675 |

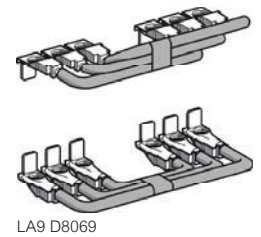
(1) With this set of busbars, any one contactor can be supplied directly by its EverLink® double cage power terminal block. The other two contactors are supplied by the busbar set. The 115A limitation is therefore applied to these two contactors.

(2) With electrical interlock

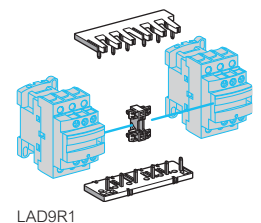


GV3S

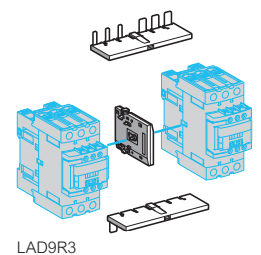
| Description | For use with | Reference | Unit MRP [₹] |
|---------------------------------------|--|-----------|--------------|
| Power Connection for Reversing | | | |
| Kit Comprising : | LC1D09 to D38 | LAD9V5 | 700 |
| 1. A set of parallel bars | LC1D09 to D38 | LAD9V6 | 875 |
| 2. A set of reverser bars. | LC1D40A to D80A | LA9D65A69 | 3650 |
| | LC1D80 and D95 (for AC control voltage) | LA9D8069 | 7810 |
| | LC1D80 and D95 (for DC control voltage) | LA9D8069 | 7810 |
| | LC1D115 and D150 | LA9D11569 | 12995 |



| Description | For use with | Reference | Unit MRP [₹] |
|---|-----------------|-----------|--------------|
| Reversing Kit | | | |
| Kit Comprising : | | | |
| 1. A mechanical interlock LAD 9V2 with electrical interlocking LAD 9V1 | LC1D09 to D38 | LAD9R1V | 1755 |
| 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing). | | | |
| Kit Comprising : | | | |
| 1. A mechanical interlock LAD 9V2 without electrical interlocking | LC1D09 to D38 | LAD9R1 | 1745 |
| 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing). | | | |
| Kit Comprising : | | | |
| 1. A mechanical interlock LAD 4CM | LC1D40A to D80A | LAD9R3 | 4165 |
| 2. A set of power connections LA9 D65A69. | | | |



| Description | For use with | Reference | Unit MRP [₹] |
|--|------------------|-----------|--------------|
| Star Delta Kit | | | |
| Time delay contact block LAD S2 (LC1D09...D80), | LC1D09 and D12 | LAD91217 | 6590 |
| Power circuit connections (LC1D09...D80), | LC1D18 to D32 | LAD93217 | 8475 |
| Hardware required for fixing the contactors onto the mounting plate (LC1D80) | LC1D40A and D50A | LAD9SD3 | 17125 |
| | LC1D80 | LA9D8017 | 19015 |



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

| Description | Time Delay Range | Timer Type | Reference | Unit MRP [₹] |
|--|------------------|------------|-----------|--------------|
| On delay timer ^{(1) (2)} | 15...30 s | on delay | LA4DT2U | 6340 |
| On delay timer ^{(1) (2)} | 0.1...2 s | on delay | LA4DT0U | 6340 |
| On delay timer ^{(1) (2)} | 25...500 s | on delay | LA4DT4U | 5840 |
| Relay interface module - 24V DC ^{(1) (2)} | - | - | LA4DFB | 7105 |

(1) For LC1 D09...38A (3P, AC coils only) add mounting adaptor LAD4BB and for LC1 D40A...65A (3P, AC coils only), add mounting adaptor LAD4BB3.
 (2) For LC1D80...150 (3P), direct mounting, for 100-250V AC Coils only.

| Description | For use with | Reference | Unit MRP [₹] | | | | |
|---|--|-----------|-----------------------|--------------------------|----------------------------|----------------------------|----------------------------|
| | | | B (24V) (AC/DC) | E (42/48V) (AC/DC) | F (110/127V) (AC/DC) | M (220/240V) (AC/DC) | Q (380/415V) (AC/DC) |
| TeSys Deca Model Mechanical Latch Blocks | | | | | | | |
| Front, Clip-on | LC1D09...D38 (a or c) LC1DT20...DT40 (a or c) LC1D40A...D65A (3P a or c) LC1DT60A and DT80A (4P a or c) | LAD6K10* | 7620 | 7620 | 7620 | 7620 | 7620 |
| | LC1D80...D150 (3P a) LC1D80 and D115 (3 P c) LC1D80 (4 P a) LC1D80 and D115 (4 P a) LP1D80 and LC1D115 (4 P c) | LA6DK20* | 7955 | 8920 | 8920 | 7955 | 12535 |

* Reference to be completed by adding coil voltage code and recommended to check availability with Customer Care team

Spare Coils TeSys Deca Model

| Product Compatibility | Reference |
|---------------------------------------|-----------|
| AC Coils | |
| CAD, LC1-D09...D38, DT20..40 | LXD1* |
| LC1D40A, D50A, D65A & LC1DT60A, DT80A | LXD3* |
| D80 & D95 (3P & 4P) | LX1D6* |
| LC1-D115, D150 | LX1D8* |
| DC Coils | |
| LC1-D80-D95 | LX4D7** |
| LC1-D115, D150 | LX4D8** |

* Reference to be completed by adding coil voltage code and recommended to check availability with Customer Care team

Coil Voltage Code

| Type | Voltage (V) | 24 | 110 | 220 | 415 |
|------|--|----|-----|-----|-----|
| AC* | CAD, LC1-D09...D38, DT20..40, LC1 - D150, LC1D40A, D50A, D65A & LC1DT60A, DT80A, LC1D150 LC1D80, D95, D115 | B7 | F7 | M7 | N7 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

Accessories

| Description | For use With | Contacts | Reference | Unit MRP [₹] | |
|---|--------------------|-------------------------|--|--------------|-----|
| Add On Blocks | | | | | |
| Additional instantaneous auxiliary contact blocks | LC1D09 ...LC1D150* | Front Mounted 1NO + 1NC | LADN11 | 565 | |
| | | Front Mounted 2NO | LADN20 <input checked="" type="checkbox"/> | 565 | |
| | | Front Mounted 2NC | LADN02 | 900 | |
| | | Front Mounted 2NO + 2NC | LADN22 <input checked="" type="checkbox"/> | 1025 | |
| | | Front Mounted 4NC | LADN04 | 1490 | |
| | | Front Mounted 4NO | LADN40 <input checked="" type="checkbox"/> | 1025 | |
| | | Front Mounted 1NO + 3NC | LADN13 | 1025 | |
| | | Front Mounted 3NO + 1NC | LADN31 <input checked="" type="checkbox"/> | 1025 | |
| | | LC1D80..LC1D95 | Front Mounted 1NO | LADN10 | 500 |
| | | Front Mounted 1NC | LADN01 | 500 | |

| Description | Contacts | Reference | Unit MRP [₹] |
|---|---------------------------------------|---|--------------|
| Add On Blocks | | | |
| Additional instantaneous auxiliary contact blocks | Side Mounted ⁽¹⁾ 1NO + 1NC | LAD8N11 | 2145 |
| | Side Mounted ⁽¹⁾ 2NO | LAD8N20 | 2145 |
| Pneumatic timer blocks front mounted | ON delay 1NO + 1NC 0.1..3s | LADT0 | 4075 |
| | ON delay 1NO + 1NC 0.1..30s | LADT2 | 4075 |
| | ON delay 1NO + 1NC 10..180s | LADT4 | 4075 |
| | ON delay 1NO + 1NC 1..30s (2) | LADS2 <input checked="" type="checkbox"/> | 4350 |
| | OFF delay 1NO + 1NC 0.1 ..3s | LADR0 | 4075 |
| | OFF delay 1NO + 1NC 0.1 ..30s | LADR2 <input checked="" type="checkbox"/> | 4075 |
| | OFF delay 1NO + 1NC 10..180s | LADR4 | 4075 |

(1) Suitable for mounting on TeSys Deca range AC Coil Contactors and Control Relays only

(2) With Switching time of 40 ms between opening of the NC contact and closing of the NO contact recommended for Star - Delta Starters

Accessories compatibility

| Contactors | | Instantaneous Auxiliary Contacts | | | | Time delay Front Mounted |
|-------------------|----------------------------------|----------------------------------|---------------|-----------|------------|--------------------------|
| Type | Number of Poles and Size | Side mounted | Front mounted | | | |
| | | | 1 contact | 2 contact | 4 contacts | |
| AC & AC/DC | 3P LC1D09...D38 | 1 on LH side | and - | 1 | or 1 | or 1 |
| AC & AC/DC | 3P LC1D40A...D80A | 1 on LH or 1 on RH side | and - | 1 | or 1 | or 1 |
| AC & AC/DC | 3P LC1D80 and D95A (50/60 Hz) | 1 on each side | or 2 | and 1 | or 1 | or 1 |
| AC & AC/DC | 3P LC1D80 and D95A (50 or 60 Hz) | 1 on each side | and 2 | and 2 | or 1 | or 1 |
| AC & AC/DC | 3P LC1D115 and D150 | 1 on LH side | and - | 1 | or 1 | or 1 |
| AC & AC/DC | 4P LC1DT20...DT40 | 1 on LH side | and - | 1 | or 1 | or 1 |
| AC & AC/DC | 4P LC1DT60A and DT80A | 1 on LH or 1 on RH side | and - | 1 | or 1 | or 1 |
| AC & AC/DC | 4P LC1D40008, D65008 and D80 | 1 on each side | or 1 | or 1 | or 1 | or 1 |
| AC & AC/DC | 4P LC1D115 | 1 on each side | and 1 | or 1 | or 1 | or 1 |
| DC | 3P LC1D09...D38 | - | - | 1 | or 1 | or 1 |
| DC | 3P LC1D40A...D80A | - | - | 1 | or 1 | or 1 |
| DC | 3P LC1D80 and D95 | - | 1 | or 1 | or 1 | or 1 |
| DC | 3P LC1D115 and D150 | 1 on LH side | and - | 1 | or 1 | or 1 |
| DC | 4P LC1DT20...DT40 | - | - | 1 | or 1 | or 1 |
| DC | 4P LC1DT60A and DT80A | - | - | 1 | or 1 | or 1 |
| DC | 4P LC1D40008, D65008 and D80 | - | 2 | and 1 | or 1 | or 1 |
| DC | 4P LC1D115 | 1 on each side | - | and 1 | or 1 | or 1 |
| LC ⁽³⁾ | 3P LC1D09...D38 | - | - | 1 | - | - |
| LC ⁽³⁾ | 3P LC1DT20...DT40 | - | - | 1 | - | - |

(3) LC : Low consumption

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

Accessories

| Description | For use with | Reference | Unit MRP [₹] |
|-------------------------------|--------------|-------------|--------------|
| For Contactor D115/150 | | | |
| Contacts set - 3P | LC1D115 | LA5D1158031 | 24960 |
| Contacts set - 3P | LC1D150 | LA5D150803 | 25875 |
| Contacts set - 4P | LC1D1150046 | LA5D115804 | 34405 |

| Product Compatibility | Fixing | Control Circuit Voltage | Suppressor Type | Reference | Unit MRP [₹] |
|--|--------|-------------------------|-----------------|---|--------------|
| Coil Suppressor Modules | | | | | |
| LC1D12...D25 (4P) | Screw | 110...240V AC | RC Circuit AC | LA4DA1U | 1955 |
| | Screw | 12...250V DC | Diode DC | LA4DC1U | 2190 |
| LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P) | Screw | 24...48V AC | Varistor AC/DC | LAD4VE | 1895 |
| | Screw | 24...48V AC 400Hz | RC Circuit AC | LAD4RCE | 1895 |
| | Screw | 50...127V AC 200Hz | RC Circuit AC | LAD4RCG | 1715 |
| | Screw | 110...240V AC 100Hz | RC Circuit AC | LAD4RCU <input checked="" type="checkbox"/> | 1895 |
| CAD | Screw | 110...250V AC | Varistor AC/DC | LAD4VU | 1895 |
| | Screw | 24...250V DC | Diode DC | LA4DC3U | 1955 |
| LC1D80, LC1D95, LC2D80, LC2D95 (3P) LC2D80 (4P), LC1D40008, LC1D65008 | Screw | 110...250V AC | Varistor AC/DC | LA4DE2U | 1870 |
| | Screw | 24...48V AC 400Hz | RC Circuit AC | LA4DA2E | 1870 |
| | Screw | 50...127V AC 200Hz | RC Circuit AC | LA4DA2G | 2950 |
| | Screw | 110...240V AC 100Hz | RC Circuit AC | LA4DA2U | 1955 |
| | Screw | 380...415V AC 150Hz | RC Circuit AC | LA4DA2N | 2950 |
| | Screw | 24...48V DC | Varistor AC/DC | LA4DE3E | 1955 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Deca

Modular marking system simplifies identification of standard contactors in the control panel to enhance visibility of the safety chain

Simple, customisable modular marking system

Standard TeSys Deca contactors

Easy-to-attach covers:



Auxiliary blocks with safety chain identification also available for more contact points:



Flexibility to customise contactors included in the safety chain during panel building



Simpler and faster maintenance with 100% visibility



Safety covers and auxiliary blocks prevent screwdriver contact with poles

Standard TeSys Ultra motor starters

Translucent labels to identify safety-chain devices:



Complete safety-chain identification system

TeSys Deca range

Retrofit contactor safety covers



LAD9ET1S
9A upto 65A



LAD9ET3S
80A to 95A



LAD9ET4S
110A to 150A



LADN22S
2NO + 2NC

Also available for CAD32/CAD50

TeSys Ultra range

Retrofit identification label



LU9ET1S

Built in Safety

TeSys Ultra motor starters are certified according to IEC 60947-4-1 for safety applications thanks to integrated mirror contact

| Description | For use with | Reference | Unit MRP [₹] |
|--|---------------------------------|-----------|--------------|
| Red Cover (For safety chain indication) | LC1D09...D65A and DT20 .. DT80A | LAD9ET1S | 810 |
| Auxiliary Contact block with red front face- for safety chain indication | 2NO + 2NC | LADN22S | 1155 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



TeSys Giga - Future Ready

A New Generation Series with Digital Innovation

TeSys Giga is new range of high-power contactors that supports industry requirements with process performance monitoring through data networks and online expert services.

Optimized Predictive Maintenance through-

- Continuous local and remote monitoring of contact wear
- Replaceable contacts (when necessary), facilitated by diagnostic visual indicator.

Unique Design-

- Innovative design and feature with compact size
- Ergonomic design & Flexibility in connections.
- Embedded auxiliary contact blocks
- Wideband electronic coils



TeSys Control

TeSys Giga

TeSys Giga High Power Contactors

Both "Standard" & "Advanced" versions available in 3 sizes, covering several ratings



Standard Version

Power & control

- 3 or 4 power poles
- 115 to 800A (AC-3)
- 200 to 1050A (AC-1)
- Embedded 1 NO + 1 NC auxiliary contacts
- Push-in type terminals for coils & control

Remote control

- 48-130V, 100-250V AC/DC coils
- Wide voltage range coils (direct coil control)
- Embedded surge-suppressor

Diagnostic

- Embedded wear diagnostic
- Embedded control voltages diagnostic
- Self diagnosis function
- Local alarm signaling (LED)



Advanced Version

Advanced diagnostic features along with standard version -

Diagnostic

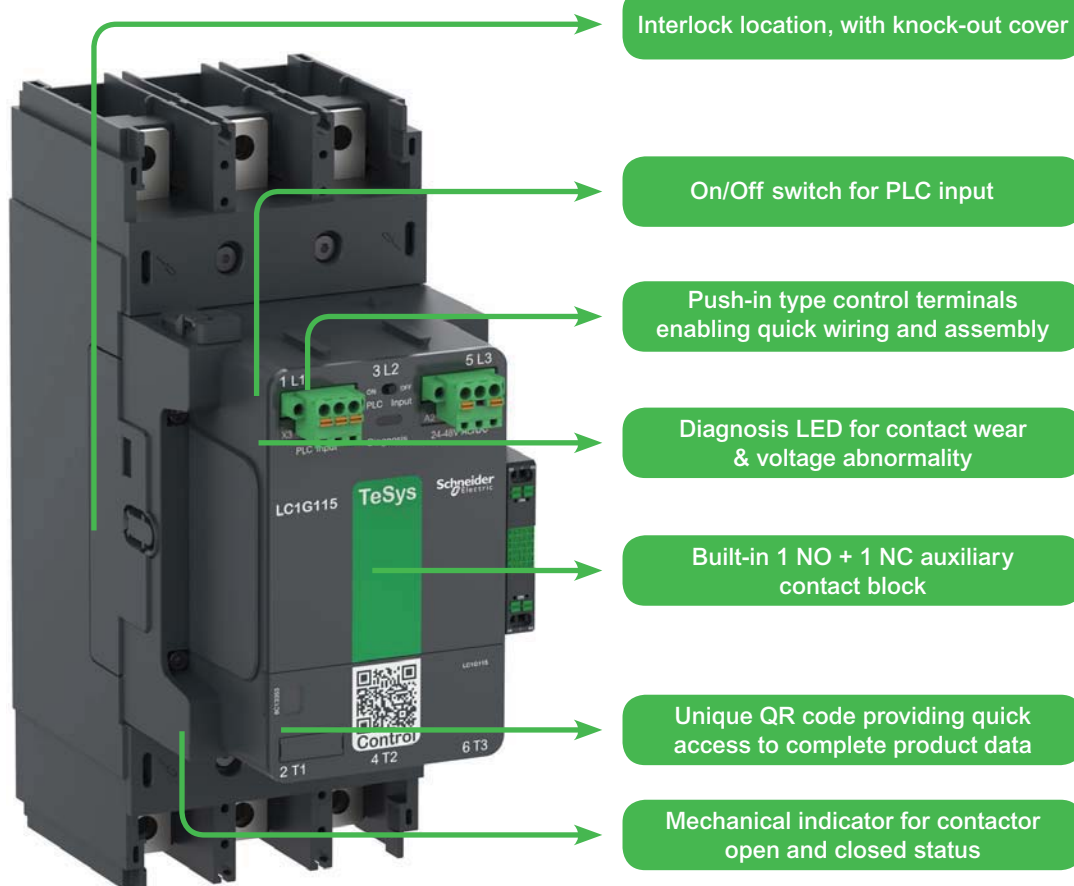
- Remote wear diagnostic signaling kit (accessory)

Mounting

- Cable memory' adapter enables maintenance without removing power cables and busbar connections.

Remote control

- 24-48 V, 200-500 V AC/DC coils
- Digital control input (PLC output digital coil control)



Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Giga

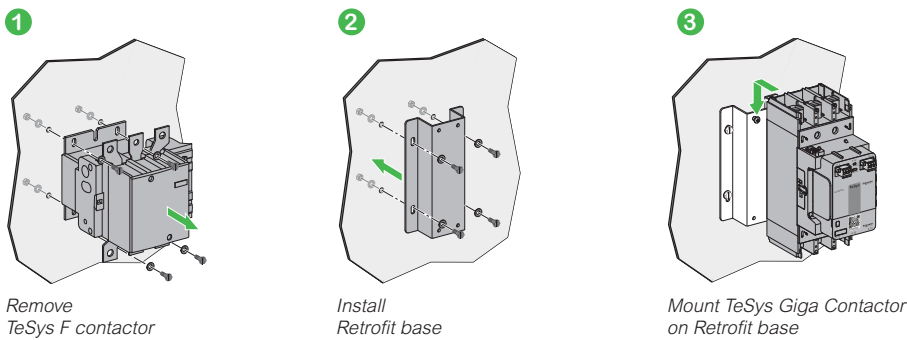
Quick & Easy Replacement of TeSys F with TeSys Giga Contactors with Retrofit Bases



| Description | Reference | Unit MRP [₹] |
|--|-----------|--------------|
| Substitutes LC1F115-225 with LC1G115-225 | LA9GRFB1 | On Request |
| Substitutes LC1F265-500 with LC1G265-500 | LA9GRFB2 | On Request |
| Substitutes LC1F630-800 with LC1G630-800 | LA9GRFB3 | On Request |



- Suitable for 3 pole contactors
- The bases come in two frame sizes.
- Upgrade your system with the new range of contactors in just 3 simple steps:



TeSys Giga Power Contactors (3 Pole AC/DC)

| [Ie] Rated Operational Current AC-1 | Motor Power (Long Life) AC-3 | | Standard version Reference | Unit MRP [₹] | |
|-------------------------------------|------------------------------|-----|----------------------------|-----------------|------------------|
| | kW (@115V) | A | | EHEN (48-130 V) | KUEN (100-250 V) |
| 250 | 55 | 115 | LC1G115**** | 30270 | 31310 |
| 275 | 75 | 150 | LC1G150**** | 39925 | 39925 |
| 305 | 90 | 185 | LC1G185**** | 49480 | 49480 |
| 330 | 110 | 225 | LC1G225**** | 53245 | 53245 |
| 385 | 132 | 265 | LC1G265**** | 65445 | 65445 |
| 440 | 160 | 330 | LC1G330**** | 79140 | 79140 |
| 550 | 200 | 400 | LC1G400**** | 95650 | 95650 |
| 700 | 250 | 500 | LC1G500**** | 132690 | 132690 |
| 1050 | 375 | 630 | LC1G630**** | On Request | On Request |
| 1050 | 450 | 800 | LC1G800**** | On Request | On Request |

TeSys Giga Power Contactors (4 Pole AC/DC)

| [Ie] Rated Operational Current AC-1 | Power Pole Composition | Standard version Reference | Unit MRP [₹] | |
|-------------------------------------|------------------------|----------------------------|-----------------|------------------|
| | | | EHEN (48-130 V) | KUEN (100-250 V) |
| 250 | 4 NO | LC1G1154**** | 49680 | 49680 |
| 275 | 4 NO | LC1G1504**** | 59110 | 59110 |
| 305 | 4 NO | LC1G1854**** | 73860 | 73860 |
| 330 | 4 NO | LC1G2254**** | 86760 | 86760 |
| 385 | 4 NO | LC1G2654**** | 97005 | 97005 |
| 440 | 4 NO | LC1G3304**** | 112890 | 112890 |
| 550 | 4 NO | LC1G4004**** | 140300 | 140300 |
| 700 | 4 NO | LC1G5004**** | 206755 | 206755 |
| 1050 | 4 NO | LC1G6304**** | On Request | On Request |
| 1050 | 4 NO | LC1G8004**** | On Request | On Request |

Note:
 For ordering advanced version replace **N** with **A** in reference as EHEN/KUEN → EHEA/KUEA respectively.
 Example: LC1G1154 EHEN → LC1G1154 EHEA.
 For other coil voltage ratings contactors, please contact Customer Care.
 * Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Giga

Giga High power contactors – Power wiring accessories

Product references

Power Terminals

Spreader Kits



| Description | Suitable for | Compatible with Contactors | Increase of Pole Pitch | Quantity Set of | Reference | Unit MRP [₹] |
|---------------|--------------|----------------------------|------------------------|-----------------|-----------|--------------|
| Spreader kits | 3P | LC1G115...LC1G225 | 35 to 45 mm | 3 | LA9G3611 | On Request |
| | 3P | LC1G265...LC1G500 | 45 to 70 mm | 3 | LA9G3612 | On Request |
| | 4P | LC1G115...LC1G225 | 35 to 45 mm | 4 | LA9G4611 | On Request |
| | 4P | LC1G265...LC1G500 | 45 to 70 mm | 4 | LA9G4612 | On Request |

Terminal extensions for larger power connections



| Description | Suitable for | Compatible with Contactors | Power Connection Size | Quantity Set of | Reference | Unit MRP [₹] |
|----------------------|--------------|----------------------------|-----------------------|-----------------|-----------|--------------|
| Terminal connections | 3P | LC1G400...LC1G500 | 50 mm width | 3 | LA9G3613 | On Request |
| | 3P | LC1G630...LC1G800 | 80 mm width | 3 | LA9G3614 | On Request |
| | 4P | LC1G400...LC1G500 | 50 mm width | 4 | LA9G4613 | On Request |
| | 4P | LC1G630...LC1G800 | 80 mm width | 4 | LA9G4614 | On Request |

Power Terminal Accessories

Phase Separators



| Description | Suitable for | Compatible with Contactors | Quantity Set of | Reference | Unit MRP [₹] |
|---------------------------------|------------------------------|----------------------------|-----------------|-------------------------|--------------|
| Phase separators ⁽¹⁾ | 3P | LC1G115...LC1G800 | 2 | LA9G3801 | On Request |
| | 4P | LC1G115...LC1G800 | 3 | LA9G4801 | On Request |
| | 3P – with 50/80 mm spreaders | LC1G400...LC1G800 | 2 | LA9G3803 ⁽²⁾ | On Request |
| | 4P – with 50/80 mm spreaders | LC1G400...LC1G800 | 3 | LA9G4803 ⁽³⁾ | On Request |

(1) Either phase separators or terminal shrouds can only be mounted. Phase separators or terminal shrouds are mandatory for operational voltage, $U_e \geq 690$ V.

(2) To be used with LA9G3613 and LA9G3614.

(3) To be used with LA9G4613 and LA9G4614.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

TeSys Giga

Accessories

| Description | Terminal Type | Position | Contacts | Reference | Unit MRP [₹] |
|--------------------------|-----------------------|-----------------------------|----------|-----------|--------------|
| Add On Blocks | Push In | | | | |
| | 1st left or 1st right | Side Mounted ⁽¹⁾ | 1 NO+1NC | LAG8N113P | 1410 |
| Auxiliary contact module | 1st left or 1st right | Side Mounted | 2 NO | LAG8N203P | 1825 |
| | 2nd left or right | Side Mounted | 1 NO+1NC | LAG8N113 | 1410 |
| | 2nd left or right | Side Mounted | 2 NO | LAG8N203 | 1825 |

(1) Always supplied with TeSys Giga LC1G contactors, fitted to the right side lateral face.

Accessories

| For Use With Contactor | Reference | Unit MRP [₹] |
|---|-----------|--------------|
| Mechanical interlock between contactors ⁽¹⁾ | | |
| Between Identical contactor frames | LA9G970 | 2570 |
| Between LC1G(265-500) and LC1G(185-225) | LA9G971 | 2570 |
| LC1G630 to LC1G800 and LC1G265 to LC1G500 | LA9G972 | On Request* |

(1) Maximum 3 auxiliary contacts can be installed between 2 contactors with mechanical interlock kit.

Spare Control Module



- Wide band electronic control
- 24 V...500 V 50/60 Hz or DC control input
- Advanced and standard versions
- Accessible from the front for easy and quick replacement

| Pole Composition | Control modules for Standard contactors | Reference | Unit MRP [₹] | |
|------------------|---|-----------|----------------|-----------------|
| | | | EHEN (48-130V) | KUEN (100-250V) |
| 3-Pole | LC1G115...LC1G225 | LX1G3Q* | On Request | On Request |
| 3-Pole | LC1G265...LC1G330 | LX1G3R* | On Request | On Request |
| 3-Pole | LC1G400...LC1G500 | LX1G3S* | On Request | On Request |
| 3-Pole | LC1G630...LC1G800 | LX1G3T* | On Request | On Request |
| 4-Pole | LC1G115...LC1G225 | LX1G3Q* | On Request | On Request |
| 4-Pole | LC1G265...LC1G330 | LX1G3R* | On Request | On Request |
| 4-Pole | LC1G400...LC1G500 | LX1G3S* | On Request | On Request |
| 4-Pole | LC1G630...LC1G800 | LX1G3T* | On Request | On Request |

For other coil voltage ratings regarding above, please contact Schneider Electric customer care.

* Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys H – Hybrid Starter

Standard version

- **2 ratings:**
 - 2.4 A 400 V AC53a
 - 6.5 A 400 V AC53a
- **2 control voltages:**
 - 24 V DC
 - 110 V / 230 V AC
- **2 terminal types:**
 - Screw clamps
 - Spring
- **Can provide up to 3 functions:**
 - Forward running
 - Reverse running
 - Overload protection



Safety version

- **Safe Torque Off embedded:**
 - SIL3 according to IEC61508-1
 - Ple according to ISO13849-1
- **ATEX:**
 - As associated devices for motor protection



- **Get Up to 75 % of space reduction** with ultra-compact 22.5 mm starter that ensures maximum space savings for group starter architecture. (Reversing starter also available within the same width)
- **Long electrical durability** with 30 Million AC53a electrical cycles, suitable for high demanding application
- **Easy design** with both wide range of setting motor protection such as Automatic, manual or remote reset after thermal trip and wide range of control voltage
- **Integration made easy** with direct mounting installation on DIN rail or Control terminals on the upperside or Power terminal on the lower side

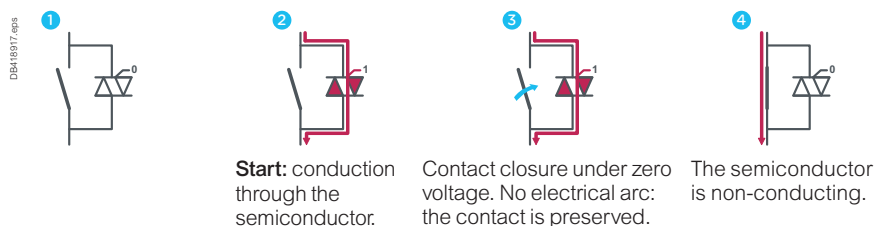
Understanding Hybrid Technology

Hybrid technology:

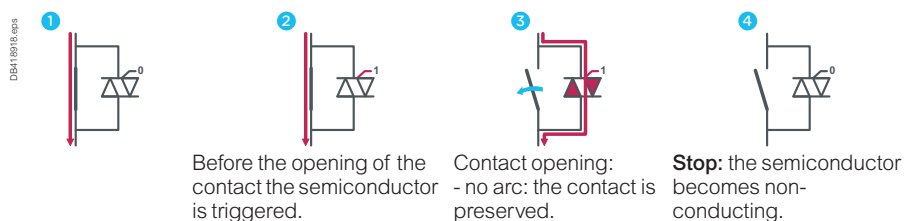
Each contact is coupled with a power semiconductor for switching

- > Higher number of on/off switches, extended durability.

> Closing



> Opening



Starters for asynchronous motors - AC53a utilization category:

| Starters | 3 - Phases Motor: Max Power (KW) for Various Voltage | | | | | | | Current Range A | Commercial References | Unit MRP [₹] | |
|-----------------|--|-------|-------|-------|-------|-------|-------|--------------------|-----------------------|-----------------|----------------------|
| | 220 V | 230 V | 380 V | 400 V | 415 V | 440 V | 500 V | | | BD (24 V DC) | FU (110-230 V AC) |
| | Direct-on-line | | | | | | | | | | |
| Screw terminals | 0.37 | 0.37 | 0.75 | 0.75 | 0.75 | 0.75 | 1.1 | 0.18...2.4 | LZ1H2X4* | 35210 | - |
| | 1.5 | 1.5 | 2.2 | 3 | 3 | 3 | 3 | 1.5...6.5 | LZ1H6X5* | 35620 | - |
| Reverse | | | | | | | | | | | |
| Screw terminals | 0.37 | 0.37 | 0.75 | 0.75 | 0.75 | 0.75 | 1.1 | 0.18...2.4 | LZ2H2X4* | 35890 | 43635 |
| | 1.5 | 1.5 | 2.2 | 3 | 3 | 3 | 3 | 1.5...6.5 | LZ2H6X5* | 37695 | - |

For other coil voltage ratings regarding above, please contact Schneider Electric customer care.

* Reference to be completed by adding coil voltage code

Please contact Customer Care Center for Stockable and Non stockable status of references.









NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Protection Range

TeSys has the most rugged and reliable solution to manage motors

Please find a quick range overview below

| | TeSys Power | | TeSys Protect | | | | TeSys Active | | |
|---|---|---|---|---|--|---|---|---|--------------|
| Feature | Motor Protection Circuit Breakers | | Overload Relays | | Multi function Relays | | TeSys Ultra | TeSys T | TeSys Island |
| TeSys Range of Products | GV2P, GV4P GV3P, GV2ME | GV4PEM | LR2K, LRD, LR9D, LR9F | LR9G | EOCR | | | | |
| |  |  |  |  |  |  |  |  | |
| Short circuit | | | | | | | | | |
| Causes of overheating | | | | | | | | | |
| Slight overload | | | | | | | | | |
| Locked rotor | | | | | | | | | |
| Ventilation fault With probes | | | | | | | With Probes | With Probes | |
| Abnormal temperature rise | | | | | | | | With Probes | |
| Shaft bearing seizure | | | | | | | | | |
| Insulation fault | | | | | | With CBCT | | | |
| Long starting time Adjustable Adjustable | | Adjustable | | | | Adjustable | Adjustable | Adjustable | |
| Heavy duty | | | LR9D only | | | | | | |
| Voltage variation (Derived) | | | | | | | | | |
| Causes of phase variation | | | | | | | | | |
| Phase reversal | | | | | | | | | |
| Phase losses | | | | | | | | | |
| Phase imbalance | | | | | | | | | |
| Earth fault | GV4P only | | | | | | | | |
| Historic fault, Pre-Alarming | | | | | Possible Pre alarm | | | | |

Protection Relays for Motor Safety



Providing Motor Safety tailored to your needs



TeSys Protect

TeSys K, TeSys Deca, TeSys F, TeSys Giga

Thermal Overload Relays - TeSys K Series (Direct Mounting)



- Conformance to IEC, UL, CSA, CE
- Range : 0.1A to 16A
- Direct & Independent mounting
- Trip class 10A

| Thermal Protection Adjustment | For Use With | For Use With | Unit MRP [₹] |
|-------------------------------|------------------------------|--------------|--------------|
| 0.11...0.16 | | LR2K0301 | 2600 |
| 0.16...0.23 | | LR2K0302 | 2600 |
| 0.23...0.36 | | LR2K0303 | 2600 |
| 0.36...0.54 | | LR2K0304 | 2600 |
| 0.54...0.8 | | LR2K0305 | 2600 |
| 0.8...1.2 | | LR2K0306 | 2600 |
| 1.2...1.8 | LC1K, LP1K, LP4K, LP2K, LC2K | LR2K0307 | 2600 |
| 1.8...2.6 | | LR2K0308 | 2600 |
| 2.6...3.7 | | LR2K0310 | 2600 |
| 3.7...5.5 | | LR2K0312 | 2600 |
| 5.5...8 | | LR2K0314 | 2600 |
| 8...11.5 | | LR2K0316 | 2600 |
| 10...14 | | LR2K0321 | 2685 |
| 12...16 | | LR2K0322 | 2685 |

*Note: Terminal Block for Clip-on Mounting LA7K0064

Thermal Overload Relays - TeSys Deca Series



- Conformance to IEC, UL, CSA
- Range : 0.1A to 104A
- Higher operating temperature
- Tripping class 10A & 20 available
- Direct mounting on contactor is possible upto 95A

| Thermal Protection Adjustment Range | For Use With | Reference* | Unit MRP [₹] |
|-------------------------------------|-------------------------------|------------|--------------|
| LRD Model (Direct Mounting) | | | |
| 0.1...0.16 | | LRD01 | 2615 |
| 0.16...0.25 | | LRD02 | 2615 |
| 0.25...0.4 | | LRD03 | 2615 |
| 0.4...0.63 | | LRD04 | 2615 |
| 0.63...1 | | LRD05 ✓ | 2615 |
| 1...1.6 | GV2L03, LE03, LC1D09...LC1D38 | LRD06 ✓ | 2615 |
| 1.6...2.5 | | LRD07 ✓ | 2615 |
| 2.5...4 | | LRD08 ✓ | 2615 |
| 4...6 | | LRD10 ✓ | 2615 |
| 5.5...8 | | LRD12 ✓ | 2615 |
| 7...10 | | LRD14 ✓ | 2930 |
| 9...13 | | LRD16 ✓ | 2930 |
| 12...18 | | LRD21 ✓ | 3020 |
| 16...24 | GV2L22, LC1D25...D38 | LRD22 ✓ | 3020 |
| 23...32 | LC1D25...LC1D38, LC1D32 | LRD32 ✓ | 4855 |
| 30...38 | LC1D32, LC1D38 | LRD35 | 4855 |
| 23...32 | LC1D40A...D65a | LRD332 | 5375 |
| 23...32 | LC1D80...LC1D95 | LRD3353 | 5375 |
| 30...40 | LC1D40A...D65a | LRD340 | 5375 |
| 30...40 | LC1D80...LC1D95 | LRD3355 | 5375 |
| 37...50 | LC1D40A...D65a | LRD350 ✓ | 7370 |
| 37...50 | LC1D80...LC1D95 | LRD3357 | 8815 |
| 48...65 | LC1D40A...D65a | LRD365 | 9460 |
| 62...80 | LC1D80A | LRD380 | 9865 |
| 48...65 | LC1D80...LC1D95 | LRD3359 | 9460 |
| 63...80 | LC1D80...LC1D95 | LRD3363 | 10265 |
| 80...104 | LC1D80, LC1D95 | LRD3365 | 12670 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

Electronic Overload Relay - TeSys Deca Series



- Conformance to IEC, UL, CSA
- Range : 0.1A to 32A
- 5:1 Adjustment range
- High Operating Temperature
- Field selectable tripping class : 5,10, 20 & 30
- Type 1 & Type 2 Co-ordination chart available

| Current Range | For Use With | Reference* | Unit MRP [₹] |
|---------------|------------------------------|------------|--------------|
| 0.1...0.5 | | LR9D01 | 11890 |
| 0.4...2.0 | LC1D09 - 38A Direct Mounting | LR9D02 | 12205 |
| 1.6...8.0 | | LR9D08 | 12205 |
| 6.4...32 | | LR9D32 | 13655 |

*Note: For LR9D01 to LR9D32 - Terminal Block for Clip on Mounting LAD7B205.

Electronic Overload Relay - TeSys Giga Series



- Wide range of protection with only 4 references (28A to 630A)
- Switchable protection against ground fault and phase imbalance
- ON status and overload alarm signaling by LED
- Direct mounting of relay with contactors saving in panel space and installation time
- Selectable Trip class from 5E to class 30E to suit different application needs

| Thermal Protection Adjustment Range | Reference | Unit MRP [₹] |
|-------------------------------------|-----------|--------------|
| 28...115 A | LR9G115 | 20225 |
| 57...225 A | LR9G225 | 23595 |
| 125...500 A | LR9G500 | 27750 |
| 160...630 A | LR9G630* | on request |

*Note:

- For LRD01...LRD35 - Terminal Block for clip-on Mounting LAD7B106
- For LRD33** - Terminal Block for clip-on Mounting LA7D3064 ✓
- For LRD332, LRD340, LRD350 & LRD365 - Connection block for separate mounting LAD96560
- The LRD relays can be used for AC or DC current up to 104A
- For long starting, Class 20 relays are available on request.
- Device for remote tripping and electrical reset is available on request.

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- Reduced downtime
- Quick restoration
- Operational Safety
- Power Quality management



Electronic Overcurrent Relays

Digital EOCR

Protection

- Over Current-Definite & Inverse Time
- Under Current
- Phase Loss
- Phase Reversal
- Stall
- Jam
- Imbalance
- Earth Fault*

Diagnostic

- Trip Cause
- Fault History-3 Faults (Cause & Current Value)

Measurement

- Load Current
- Ground Current*
- Running Hours
- Load Current Bar Graph
- i-THD (Current Harmonic Distortion)

Other Features

- Modbus Communication*
- 4-20 mA output for Motor Current*
- Pre-Alarm Contact
- Suitable for 1 Φ & 3 Φ Motors
- Suitable for Low Frequency VFD Operation (10-100Hz)
- Available with Type-2

Analog EOCR

Protection

- Over current
- Phase loss
- Locked rotor

Other Features

- Easy installation, with DIN Rail and Panel Mounting compatibility
- Trip cause display
- Manual/Electrical reset
- Testing Provision through Test Button
- Suitable for 1 Φ & 3 Φ Motors

* In selected models

se.com/in

TeSys Protect EOCR

Digital EOCR





| Digital EOCR Without Communication Current Range=0.5A-80A Control Voltage=100VAC-220VAC* | | | | | |
|--|------------|-------------|--------------|-------------|--------------|
| Description | Display | Bottom Hole | | Window Hole | |
| | | Reference | Unit MRP [₹] | Reference | Unit MRP [₹] |
| Without Ground Fault Protection | Inbuilt | 3DM2-WRDUHZ | 21645 | 3DM2-WRDUWZ | 21645 |
| | Extended** | FDM2-WRDUHZ | 23410 | FDM2-WRDUWZ | 23410 |
| GF Protection with external CT | Inbuilt | 3MZ2-WRAUHZ | 21935 | 3MZ2-WRAUWZ | 21935 |
| | Inbuilt | 3MZ2-WRCUHZ | 21935 | 3MZ2-WRCUWZ | 21935 |
| | Inbuilt | 3MZ2-WRDUHZ | 21935 | 3MZ2-WRDUWZ | 21935 |
| | Extended** | FMZ2-WRAUHZ | 26335 | FMZ2-WRAUWZ | 26335 |
| | Extended** | FMZ2-WRCUHZ | 26335 | FMZ2-WRCUWZ | 26335 |
| | Extended** | FMZ2-WRDUHZ | 26335 | FMZ2-WRDUWZ | 26335 |
| GF Protection with inbuilt CT | Inbuilt | 3BZ2-WRAUHZ | 31840 | | |
| | Inbuilt | 3BZ2-WRCUHZ | 31840 | | |
| | Extended** | FBZ2-WRAUHZ | 32355 | | |
| | Extended** | FBZ2-WRCUHZ | 32355 | | |


| Digital EOCR with Modbus Communication Current Range=0.5A-80A Control Voltage=100VAC-220VAC* | | | | | |
|--|------------|-------------|--------------|-------------|--------------|
| Description | Display | Bottom Hole | | Window Hole | |
| | | Reference | Unit MRP [₹] | Reference | Unit MRP [₹] |
| Without Ground Fault Protection | Inbuilt | I3DM-WRDUHZ | 34775 | I3DM-WRDUWZ | 34775 |
| | Extended** | IFDM-WRDUHZ | 35000 | IFDM-WRDUWZ | 35000 |
| GF Protection with external CT | Inbuilt | I3MZ-WRAUHZ | 36980 | I3MZ-WRAUWZ | 36980 |
| | Inbuilt | I3MZ-WRCUHZ | 36980 | I3MZ-WRCUWZ | 36980 |
| | Inbuilt | I3MZ-WRDUHZ | 36980 | I3MZ-WRDUWZ | 36980 |
| | Extended** | IFMZ-WRAUHZ | 41890 | IFMZ-WRAUWZ | 41890 |
| | Extended** | IFMZ-WRCUHZ | 41890 | IFMZ-WRCUWZ | 41890 |
| | Extended** | IFMZ-WRDUHZ | 41890 | IFMZ-WRDUWZ | 41890 |
| GF Protection with inbuilt CT | Inbuilt | I3BZ-WRAUHZ | 42850 | | |
| | Inbuilt | I3BZ-WRCUHZ | 42850 | | |
| | Extended** | IFBZ-WRAUHZ | 43075 | | |
| | Extended** | IFBZ-WRCUHZ | 43075 | | |

* Replace **U** with **B** in above reference for Control Voltage =24 V DC
 ** Cable need to be purchased separately
 Contact Customer Care for 4-20mA Output EOCR references & prices

EOCR Accessories

| Cable for Extended Display | | | |
|--|----------------|--------------|--|
| Description | Reference | Unit MRP [₹] | |
|  CABLE-RJ45 1 Meter | CABLE-RJ45-001 | 2500 | |
| CABLE-RJ45 3 Meter | CABLE-RJ45-003 | 3265 | |

| External CT for range extension up to 400A | | | | |
|--|----------|--------------|--------------|--|
| Current Range | CT Ratio | Reference | Unit MRP [₹] | |
|  100A | 100:5 | 3CT-H1-100-Z | 5510 | |
| 150A | 150:5 | 3CT-HH-150-Z | 6825 | |
| 200A | 200:5 | 3CT-H2-200-Z | 7455 | |
| 300A | 300:5 | 3CT-H3-300-Z | 7925 | |
| 400A | 400:5 | 3CT-H4-400-Z | 9325 | |

| ZCT - Ground Fault Protection | | | |
|--|-----------|--------------|--|
| Description | Reference | Unit MRP [₹] | |
|  ZCT 35 M/M | ZCT-035-Z | 6790 | |
| ZCT 80 M/M | ZCT-080-Z | 9325 | |
| ZCT 120 M/M | ZCT-120-Z | 15340 | |

| Spare Display | | | |
|------------------|-----------|--------------|--|
| Description | Reference | Unit MRP [₹] | |
| EOCR-PDM Display | EOCR-PDM | 10335 | |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

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TeSys Protect

Analog EOCR

EOCR SS

- Without Display



| Analog EOCR without Display | | | |
|-----------------------------|-----------------|------------|--------------|
| Current Range (A) | Control Voltage | Reference | Unit MRP [₹] |
| 0.5-6 | 24-240V AC/DC | EOCRSS-05S | 6860 |
| 0.5-6 | 380-440V AC | EOCRSS-05W | 5620 |
| 3-30 | 24-240V AC/DC | EOCRSS-30S | 6860 |
| 3-30 | 380-440V AC | EOCRSS-30W | 5620 |
| 5-60 | 24-240V AC/DC | EOCRSS-60S | 6860 |
| 5-60 | 380-440V AC | EOCRSS-60W | 5620 |

Note: 2 SPST output contacts
For 60A or higher, combine 05T Type and an external CT (secondary 5A) for use

EOCR SSD

- With Display (Operating Current & Trip Cause)



| Analog EOCR with Display | | | |
|--------------------------|-----------------|-------------|--------------|
| Current Range (A) | Control Voltage | Reference | Unit MRP [₹] |
| 0.5-6 | 24-240V AC/DC | EOCRSSD-05S | 10260 |
| 0.5-6 | 380-440V AC | EOCRSSD-05W | 12635 |
| 3-30 | 24-240V AC/DC | EOCRSSD-30S | 10260 |
| 3-30 | 380-440V AC | EOCRSSD-30W | 10950 |
| 5-60 | 24-240V AC/DC | EOCRSSD-60S | 10260 |
| 5-60 | 380-440V AC | EOCRSSD-60W | 10950 |

Note: 2 SPST output contacts
For 60A or higher, combine 05T Type and an external CT (secondary 5A) for use

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Power

Circuit breakers for Motor protection



Circuit breakers for motor protection and control

TeSys Deca and TeSys Giga Circuit Breakers provide compact, reliable and efficient solutions:

- Isolation
- Protection against short circuits and overloads
- Control of motors from 0.06 to 250 kW.
- Conforming to global standards.(IEC/EN/UL/CSA)



For more information
on motor protection
circuit breakers

se.com/in/TeSys

TeSys Power

Circuit Breakers for Motor Protection

Magnetic Circuit Breaker



- Conformance to IEC 60947 -1,-2,-4
- Magnetic circuit breakers range from 0.1-80 Amps
- High Breaking capacity up to 100kA
- Wide range of accessories

Thermal Magnetic Circuit Breaker



- Conformance to IEC 60947 -1,-2,-4, conformity to International Standards - UL, CSA, CE
- Thermal magnetic circuit breakers range from 0.1-220 Amps
- High Breaking capacity up to 100kA
- Wide range of accessories
- S-shaped busbar for side-by-side connection with 40 - 65A Contactor

| Breaking Capacity at 415V 50Hz | Motor Power AC-3** | | Magnetic Protection Rating (A) | Reference | Unit MRP [₹] |
|---|--------------------|-----|--------------------------------|------------|--------------|
| | kW | HP | | | |
| With Rocker Lever Control (Economy)* | | | | | |
| 100kA | 0.09 | - | 0.4 | GV2LE03 | 5530 |
| | 0.18 | - | 0.63 | GV2LE04 | 5530 |
| | 0.37 | 0.5 | 1 | GV2LE05 | 5530 |
| | 0.55 | - | 1.6 | GV2LE06 | 5530 |
| | 1.1 | 1.5 | 2.5 | GV2LE07 | 5530 |
| | 1.5 | 2 | 4 | GV2LE08 | 5530 |
| | 2.2 | 3 | 6.3 | GV2LE10 | 5530 |
| | 3 | 5.5 | 10 | GV2LE14 | 5530 |
| 15kA | 5.5 | 7.5 | 14 | GV2LE16 | 5530 |
| | 7.5 | 10 | 18 | GV2LE20 | 6420 |
| 10kA | 11 | 15 | 25 | GV2LE22 | 6420 |
| | 15 | 20 | 32 | GV2LE32 | 10905 |
| With Rotary Handle Control* | | | | | |
| 100kA | 0.09 | - | 0.4 | GV2L03 | 6345 |
| | 0.18 | - | 0.63 | GV2L04 | 6345 |
| | 0.37 | 0.5 | 1 | GV2L05 | 6345 |
| | 0.55 | - | 1.6 | GV2L06 | 6345 |
| | 1.1 | 1.5 | 2.5 | GV2L07 | 6345 |
| | 1.1 | 2 | 4 | GV2L08 | 6345 |
| | 2.2 | 3 | 6.3 | GV2L10 | 6345 |
| | 4 | 5.5 | 10 | GV2L14 | 6345 |
| 50kA | 5.5 | 7.5 | 14 | GV2L16 | 6345 |
| | 7.5 | 10 | 18 | GV2L20 | 6345 |
| | 11 | 15 | 25 | GV2L22 | 6345 |
| | 15 | 20 | 32 | GV2L32 | 6345 |
| | 18.5 | 25 | 40 | GV3L40 | 17725 |
| | 22 | 29 | 50 | GV3L50 | 18140 |
| | 30 | 40 | 65 | GV3L65 | 18535 |
| | 37 | 50 | 73 | GV3L73 | 20955 |
| With Toggle Control | | | | | |
| 50kA | 37 | 50 | 80 | GV4LE80N6 | 18105 |
| | 55 | 74 | 115 | GV4LE115N6 | 18105 |
| | 75 | 101 | 150 | C16N3MA150 | On Request |
| | 110 | 147 | 220 | C25N3MA220 | On Request |
| | 160 | 214 | 320 | C40N31M320 | On Request |
| | 200 | 268 | 500 | C63N31M500 | On Request |

* Conforming to IEC 60947-2-3-4

** 50/60Hz - 415V

- GV2-L with the TeSys Deca contactor and LRD overload relay provides Type 2 Co-ordination

** 50/60Hz - 415V

- (1) With GV1-L3 current limiter, breaking capacity can be increased to 100kA. Combination of the GV2-M with the TeSys Deca provides Type 2 Co-ordination.
- (2) With GV1-L3 current limiter, breaking capacity can be increased to 100kA. Combination of the GV2-P with the TeSys Deca provides Type 2 Co-ordination.

| Breaking Capacity at 415V 50Hz | Motor Power AC-3** | | Thermal Protection Adjustment Range | Reference | Unit MRP [₹] |
|---|--------------------|---------|-------------------------------------|------------|--------------|
| | kW | HP | | | |
| With Push Button Control (Economy) | | | | | |
| 100kA | - | - | 0.1 - 0.16 | GV2ME01 | 5740 |
| | 0.06 | - | 0.16 - 0.25 | GV2ME02 | 5740 |
| | 0.09 | - | 0.25 - 0.40 | GV2ME03 | 5740 |
| | 0.18 | - | 0.40 - 0.63 | GV2ME04 | 6110 |
| | 0.37 | 0.5 | 0.63 - 1.0 | GV2ME05 | 6110 |
| | 0.55 | 0.75 | 1.0 - 1.6 | GV2ME06 | 6245 |
| | 0.75 | 1 | 1.6 - 2.5 | GV2ME07 | 6245 |
| | 1.1 | 2 | 2.5 - 4 | GV2ME08 | 6460 |
| | 2.2 | 3 | 4 - 6.3 | GV2ME10 | 6460 |
| | 3 | 5.5 | 6 - 10 | GV2ME14 | 6460 |
| 15kA ⁽¹⁾ | 5.5 | 7.5 | 9 - 14 | GV2ME16 | 7240 |
| | 7.5 | 10 | 13 - 18 | GV2ME20 | 7790 |
| | 9 | 12.5 | 17 - 23 | GV2ME21 | 8320 |
| | 11 | 15 | 20 - 25 | GV2ME22 | 8320 |
| 10kA ⁽¹⁾ | 15 | 20 | 24 - 32 | GV2ME32 | 13475 |
| With Rotary Handle Control | | | | | |
| 100kA | - | - | 0.1 - 0.16 | GV2P01 | 5615 |
| | 0.06 | - | 0.16 - 0.25 | GV2P02 | 5615 |
| | 0.09 | - | 0.25 - 0.40 | GV2P03 | 5615 |
| | 0.18 | - | 0.40 - 0.63 | GV2P04 | 6435 |
| | 0.37 | 0.5 | 0.63 - 1.0 | GV2P05 | 6435 |
| | 0.55 | 0.75 | 1.0 - 1.6 | GV2P06 | 6435 |
| | 0.75 | 1 | 1.6 - 2.5 | GV2P07 | 6435 |
| | 1.1 | 2 | 2.5 - 4 | GV2P08 | 6635 |
| | 2.2 | 3 | 4 - 6.3 | GV2P10 | 6635 |
| | 3 | 5.5 | 6 - 10 | GV2P14 | 7080 |
| 50kA ⁽²⁾ | 5.5 | 7.5 | 9 - 14 | GV2P16 | 8695 |
| | 7.5 | 10 | 13 - 18 | GV2P20 | 10035 |
| | 9 | 12.5 | 17 - 23 | GV2P21 | 10035 |
| | 11 | 15 | 20 - 25 | GV2P22 | 10035 |
| 35kA ⁽²⁾ | 15 | 20 | 24 - 32 | GV2P32 | 16915 |
| | 18.5 | 30...40 | 30...40 | GV3P40 | 19950 |
| 50kA | 22 | 37...50 | 37...50 | GV3P50 | 24740 |
| | 30 | 48...65 | 48...65 | GV3P65 | 25375 |
| | 37 | 62...73 | 62...73 | GV3P73 | 25935 |
| With Toggle Control | | | | | |
| 50kA | 37 | 49.58 | 40...80 | GV4PE80N6 | 23470 |
| | 55 | 73.7 | 65...115 | GV4PE115N6 | 23470 |
| With Direct Rotary Handle | | | | | |
| 70kA | 75 | 101 | 70...150 | GV5P150H | 47730 |
| | 110 | 147 | 100...220 | GV5P220H | 55680 |
| | 160 | 214 | 160...320 | GV6P320H | 71600 |
| | 200 | 268 | 250...500 | GV6P500H | 98645 |

It is recommended to check with Customer care team for selection, recommendation, and availability of stockable and non stockable references

✓ NORMAL STOCK ITEMS

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Accessories for Motor Circuit Breakers

| Description | Reference | Unit MRP [₹] | |
|--|--|--------------|------|
| For GV2 | | | |
| Front contact NO or NC ⁽¹⁾ | GVAE1 | 1195 | |
| Front contact NO + NC | GVAE11 <input checked="" type="checkbox"/> | 1465 | |
| | GVAE20 | 1615 | |
| Side contact NO + NC | GVAN11 <input checked="" type="checkbox"/> | 1765 | |
| | GVAN20 | 1765 | |
| Fault signalling contact + 1NO contact ⁽²⁾ | GVAD1010 <input checked="" type="checkbox"/> | 2300 | |
| Fault signalling contact + 1NC contact ⁽²⁾ | GVAD1001 | 2300 | |
| Short circuit signalling contact block 1 C/O | GVAM11 | 2195 | |
| Under voltage trip | 110 ... 115V 50Hz | GVAU115 | 4735 |
| | 220 ... 240V 50Hz | GVAU225 | 4200 |
| | 380 ... 400V 50Hz | GVAU385 | 4200 |
| Shunt trip | 110 ... 115V 50Hz | GVAS115 | 4200 |
| | 220 ... 240V 50Hz | GVAS225 | 4200 |
| | 380 ... 400V 50Hz | GVAS385 | 4200 |
| Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P. | GV1L3 | 6775 | |
| Connection block - GV2 with contactor LC1-D09..D38 | GV2AF3 | 820 | |
| Connection block - LS1 D32 or GV2 with Contactor LC1-K or LP1-K | GV2AF01 | 890 | |
| Empty enclosure for GV2ME - plastic | GV2MP02 | 3905 | |
| | GV2MC02 | 4290 | |

(1) Choice of NC or NO contact operation depending on which way round the reversible block is mounted.

(2) The GV-AD is always mounted next to the circuit breaker.

Busbars

| Connection Pitch | No. of Tapoff Points | Reference | Unit MRP [₹] |
|------------------|----------------------|-----------|--------------|
| For GV2 | | | |
| 45 mm | 2 | GV2G245 | 2300 |
| | 4 | GV2G445 | 3620 |
| 54 mm | 2 | GV2G254 | 2100 |
| | 3 | GV2G354 | 2360 |
| | 4 | GV2G454 | 2955 |
| | 5 | GV2G554 | 3200 |
| 72 mm | 4 | GV2G472 | 3620 |

| Description | Reference | Unit MRP [₹] |
|--|-----------|--------------|
| Accessories for Busbars | | |
| Terminal block - to supply one or more 3-pole busbar GV2 | GV2G05 | 4535 |
| Protective end covers for unused busbar outlets | GV1G10 | 800 |
| Terminal block for connection from top | GV1G09 | 2370 |

Accessories for Motor Circuit Breakers

| Description | Reference | Unit MRP [₹] |
|---|--|--------------|
| For GV2-P/GV2-L | | |
| External operator - IP54, Black | GV2APN01 <input checked="" type="checkbox"/> | 4165 |
| External operator - IP54, Yellow/Red | GV2APN02 | 7755 |
| For GV3P/GV3L | | |
| Auxiliary Contacts | | |
| Front contact: 1 NO (fault) + 1NC (Auxiliary) | GVAED011 | 1520 |
| Front contact: 1 NO (fault) + 1NO (Auxiliary) | GVAED101 | 1670 |
| Busbar | | |
| 3-pole, 3 tap, 64 mm pitch | GV3G364 | 2210 |
| S-shape bus bar | GV3S | 1655 |
| External Operator | | |
| IP54, Black | GV3APN01 | 5025 |
| IP54, Yellow/Red | GV3APN02 | 4865 |

Note: All other accessories are same as of GV2.

Busbars GV3G364 and GV3S are not compatible with GV3*73 and GV3*80.

| Description | Operating Voltage | Reference | Unit MRP [₹] |
|--|-------------------|-----------|--------------|
| For GV5 and GV6 | | | |
| Clip-on connector - upto 150 A - 1.5..95 mm ² | - | GV7AC021 | 1445 |
| Clip-on connector- upto 220 A - 1.5..185 mm ² | - | GV7AC022 | 1990 |
| Front rotary handle | | | |
| GV7AP GV7R - black handle ⁽²⁾ | | GV7AP01 | 10470 |
| Terminal shields IP405 ⁽¹⁾ | - | GV7AC01 | 3725 |

(1) Terminal shields cannot be used together with spreaders.

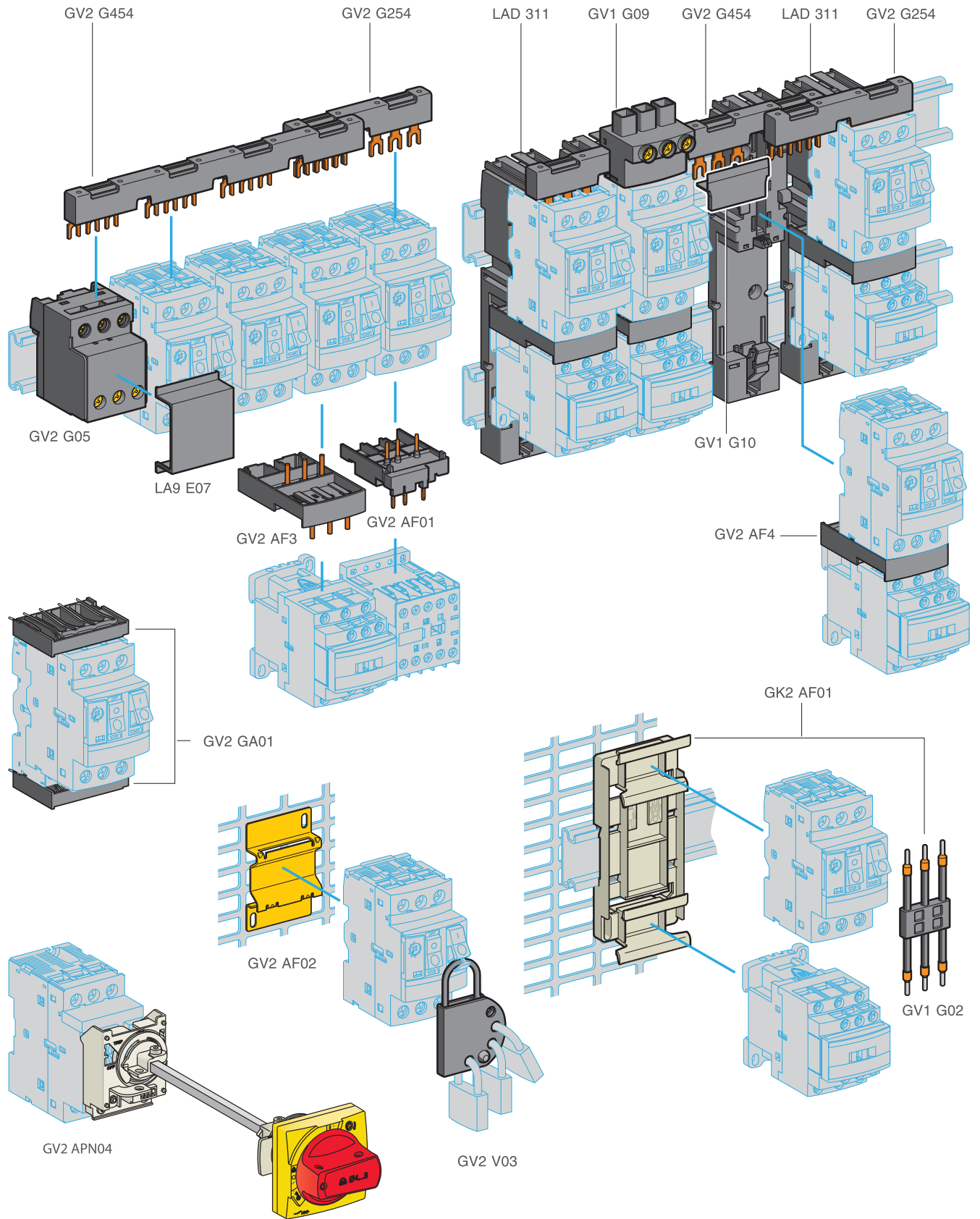
(2) For mounting direct rotary handle on enclosure door.

This accessory makes it possible to open the door if the device is closed and prevents the device from being closed if the door is open.

(3) For Circuit breaker not fitted with a rotary handle

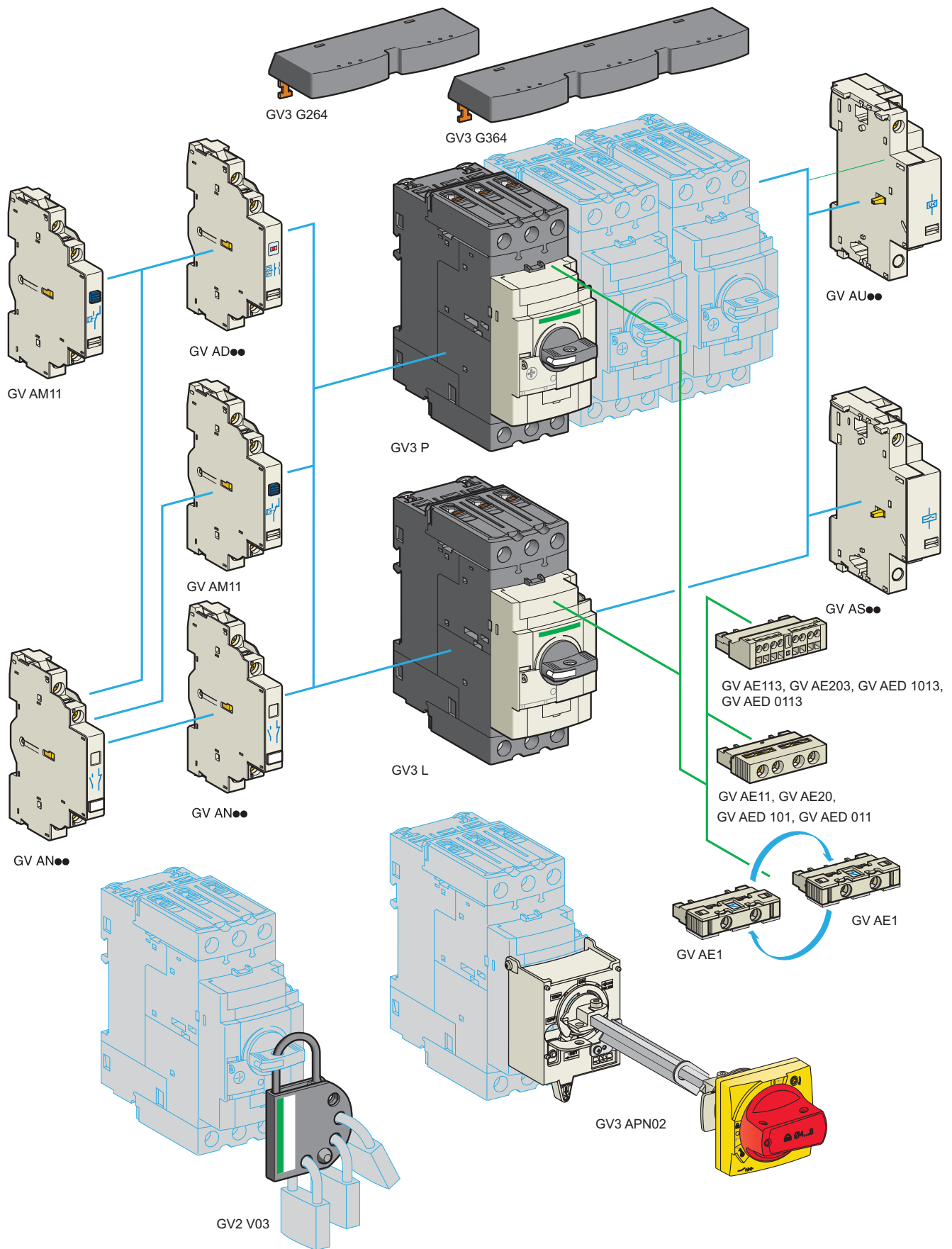
TeSys

Accessories compatibility



TeSys

Accessories compatibility



TeSys Control

TeSys Switches

Vario Switch Disconnectors

| [Ithe] Conventional Thermal Current** | Poles Description | Rated Operational Power (AC-23)* | Reference | Unit MRP [₹] |
|---|-------------------|----------------------------------|-----------|--------------|
| Complete Enclosed Switches | | | | |
| • Range 12 to 175A, IP 65 Sealable and Lockable | | | | |
| 10 | 3P | 4 kW | VCF02GE | 4110 |
| 16 | 3P | 5.5 kW | VCF01GE | 4470 |
| 20 | 3P | 7.5 kW | VCF0GE | 5435 |
| 25 | 3P | 11 kW | VCF1GE | 5830 |
| 32 | 3P | 15 kW | VCF2GE | 6830 |
| 50 | 3P | 22 kW | VCF3GE | 10565 |
| 63 | 3P | 30 kW | VCF4GE | 12360 |

* Rated Power at 415V
** Ith in enclosure

| For Switch Type (Amps) | Mounting Arrangement | Ingress | Reference | Unit MRP [₹] |
|--------------------------------|----------------------|---------|-----------|--------------|
| Operators (Padlockable) | | | | |
| 12 - 40 | 4 Screw Fixing | IP65 | KCF1PZ | 1175 |
| 63 - 80 | 4 Screw Fixing | IP65 | KCF2PZ | 1245 |
| 125 - 175 | 4 Screw Fixing | IP40 | KCF3PZ | 5030 |

Vario Switch Disconnectors

| [Ithe] Conventional Thermal Current** | Poles Description | Reference | Unit MRP [₹] |
|--|-------------------|-----------|--------------|
| Complete Switch with Padlockable Operator | | | |
| • Suitable for Front Mounting or Base Mounting | | | |
| 12 | 3P | VCF02 | 2580 |
| 20 | 3P | VCF01 | 2810 |
| 25 | 3P | VCF0 | 3275 |
| 32 | 3P | VCF1 | 3435 |
| 40 | 3P | VCF2 | 4255 |
| 63 | 3P | VCF3 | 8620 |
| 80 | 3P | VCF4 | 7215 |
| 125 | 3P | VCF5 | 16530 |
| 175 | 3P | VCF6 | 20040 |
| Switch Bodies | | | |
| 12 | | V02 | 1680 |
| 20 | | V01 | 1940 |
| 25 | | V0 | 2305 |
| 32 | | V1 | 2810 |
| 40 | | V2 | 3435 |
| 63 | | V3 | 4780 |
| 80 | | V4 | 6285 |
| 125 | | V5 | 12750 |
| 175 | | V6 | 16275 |

Accessories

| Description | For Use with Switch Bodies | Rating in A | Pole Composition | Earth Contact | Auxiliary Contacts | Reference | Unit MRP [₹] |
|--|----------------------------|-------------|------------------|---------------|--------------------|-----------|--------------|
| Vario Add-on Modules ⁽¹⁾ | | | | | | | |
| Main Pole Module | V02/VCF02 | 12 | 1P | - | - | VZ02 | 1205 |
| | V01/VCF01 | 20 | 1P | - | - | VZ01 | 1225 |
| | V0/VCF0 | 25 | 1P | - | - | VZ0 | 1305 |
| | V1/VCF1 | 32 | 1P | - | - | VZ1 | 1275 |
| | V2/VCF2 | 40 | 1P | - | - | VZ2 | 1365 |
| | V3/VCF3 | 63 | 1P | - | - | VZ3 | 1775 |
| Neutral Pole Module ⁽²⁾ | V4/VCF4 | 80 | 1P | - | - | VZ4 | 1775 |
| | V02 / VCF02 to V2 / VCF2 | - | 1N | - | - | VZ11 | 1465 |
| | V3 / VCF3 to V4 / VCF4 | - | 1N | - | - | VZ12 | 1960 |
| Earthing Module | V5 / VCZ5 to V6 / VCZ6 | - | 1N | - | - | VZ13 | 4050 |
| | V02 / VCF02 to V2 / VCF20 | - | - | - | - | VZ14 | 1445 |
| | V3 / VCF3 to V4 / VCF4 | - | - | 1 | - | VZ15 | 1705 |
| Auxiliary Contact Block Module | V5 / VCZ5 to V6 / VCZ6 | - | - | 1 | - | VZ16 | 2650 |
| | V02/ VCF02 to V6 / VCZ6 | - | - | - | 1NO + 1NC | VZ7 | 1510 |
| | V2/ VCF02 to V6 / VCZ6 | - | - | - | 2NO | VZ20 | 1510 |

(1) For mounting option of modules, please refer to the technical catalogue.
(2) With early make and late break contacts

| Description | For Use With | Reference | Unit MRP [₹] |
|--|----------------|-----------|--------------|
| Components for Door Interlocking | | | |
| Shaft extension - for Mini-VARIO and VARIO - V02..V2 | V02...V2 | VZ17 | 1445 |
| | V02...V2 | VZ30 | 1705 |
| Shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6 | V3, V4, V5, V6 | VZ18 | 1705 |
| | V3, V4, V5, V6 | VZ31 | 1940 |
| Door interlock plate | VZ17 / VZ30 | KZ32 | 500 |
| | VZ18/31 | KZ74 | 860 |
| Input Terminal Protection Shrouds | | | |
| Terminal Shrouds | V02 - V2 | VZ8 | 490 |
| | V3 - V4 | VZ26 | 425 |
| | V3 - V4 | VZ9 | 515 |
| | V5 - V6 | VZ27 | 425 |
| | V5 - V6 | VZ10 | 645 |
| | V02 - V6 | VZ28 | 720 |
| | V02 - V6 | VZ29 | 590 |

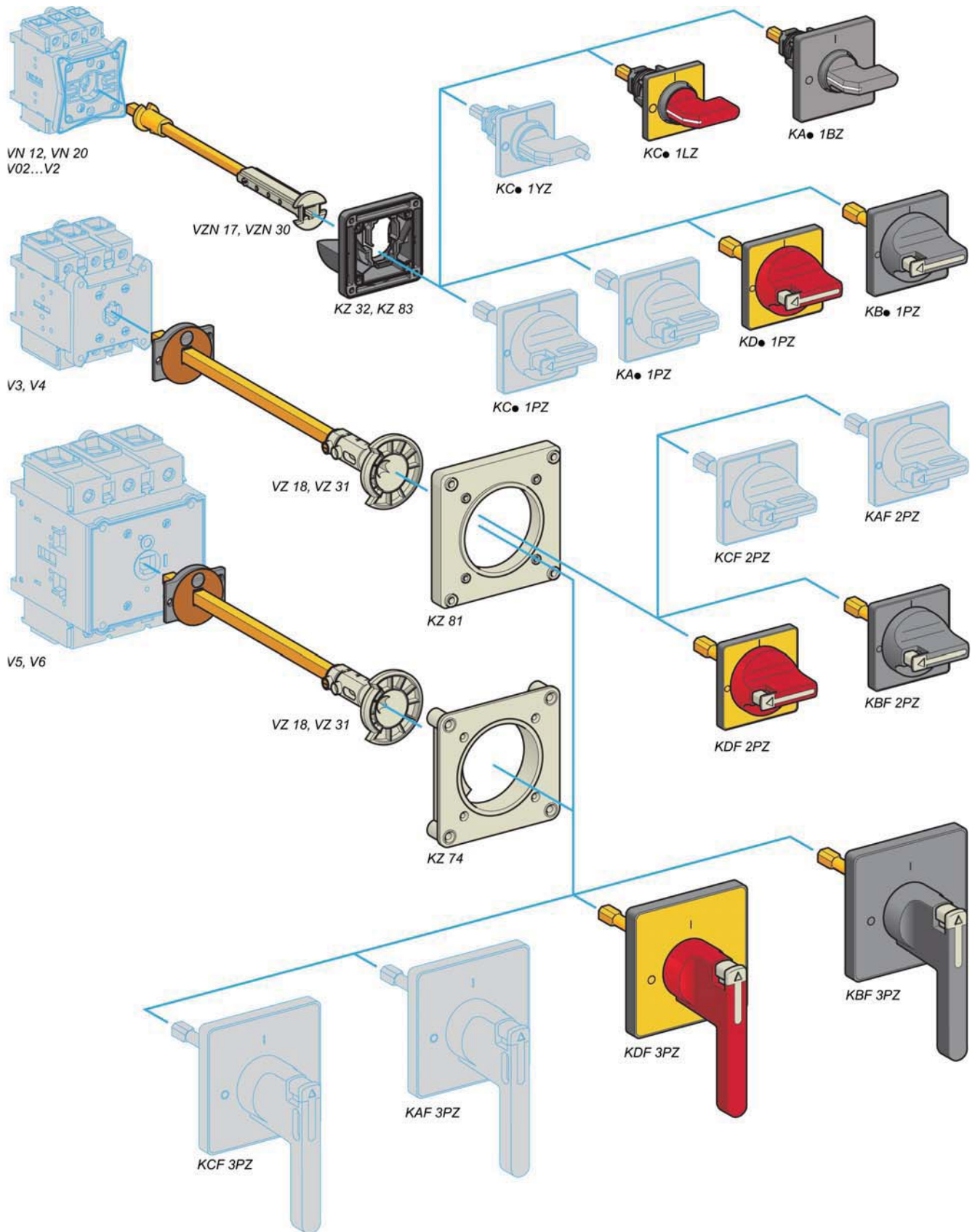
Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

TeSys Control

Accessories for Switches





Smarter Load Management with TeSys Island

The Key to Unprecedented Efficiency

Digital Load Manager

TeSys Island - the innovative & digital multifunctional load management solution up to 80A

Industry 4.0

Predictive Maintenance

Cyber Secure



TeSys Active

TeSys Island

• All-in-one Solution for Versatile & Flexible Load Management •

Motor Protection

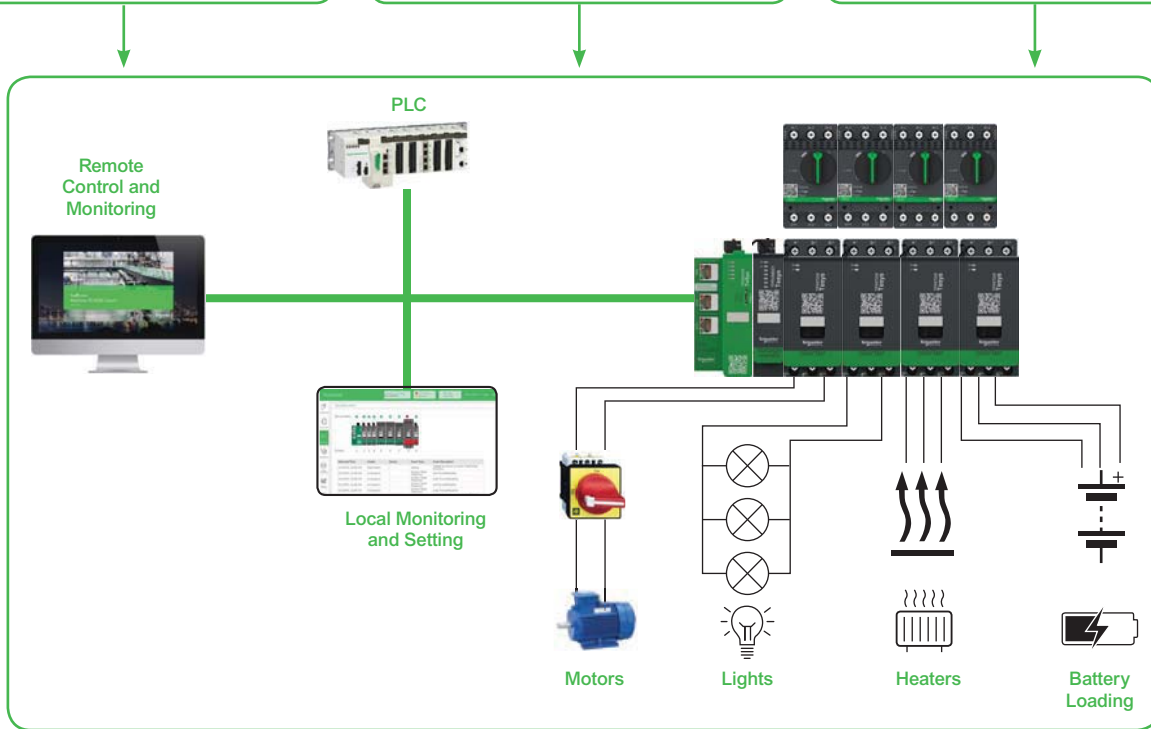
- Motor Overload
- Over/Under Current
- Jam/Stall
- Long Start
- Rapid Restart Lockout

Upstream Protection

- Phase Loss
- Phase Reversal
- Phase Unbalance
- Ground Current Detection

Analytics

- Health Diagnostic
- Energy Management
- Demand Management



| Designation | Product Specification | Commercial Reference |
|--|--|----------------------|
| TeSys island components | | |
| Standard Starter | 9A (AC-3) | TPRST009 |
| Standard Starter | 25A (AC-3) | TPRST025 |
| Standard Starter | 38A (AC-3) | TPRST038 |
| Standard Starter | 65A (AC-3) | TPRST065 |
| Standard Starter | 66A (AC-3) - 80A (AC-1) | TPRST080 |
| SIL Starter | 9A (AC-3) | TPRSS009 |
| SIL Starter | 25A (AC-3) | TPRSS025 |
| SIL Starter | 38A (AC-3) | TPRSS038 |
| SIL Starter | 65A (AC-3) | TPRSS065 |
| SIL Starter | 66A (AC-3) - 80A (AC-1) | TPRSS080 |
| Power interface module | 9A (AC-3) | TPRPM009 |
| Power interface module | 38A (AC-3) | TPRPM038 |
| Power interface module | 80A (AC-3) | TPRPM080 |
| Voltage interface module | | TPRVM001 |
| SIL interface module | | TPRSM001 |
| Digital I/O module | (4 input - 2 output) | TPRDG4X2 |
| Analog I/O module | (2 input - 1 output) | TPRAN2X1 |
| Bus Coupler | EtherNet/IP - Modbus TCP | TPRBCEIP |
| Bus Coupler | PROFINET | TPRBCPFN |
| Bus Coupler | PROFIBUS | TPRBCPFIB |
| Assembly and Wiring Kits | | |
| Kit for reversing starter application | for 9, 25, 38A (size 1 and 2) starters | LAD9R1 |
| Kit for reversing starter application | for 65, 80A (size 3) starters | LAD9R3 |
| Jumper bar 3-pole for Star Delta application | for 9, 25, 38A (size 1 and 2) starters | LAD9P3 |
| Kit for reversing starter application | for 65, 80 A (size 3) starters, a hazard sticker is provided | LAD9SD3S |

*Architecture shown above is only for graphical representation

TeSys Control

Ultra motor starters

Introduction

From traditional solution



Ultra motor starter- All in one block for advance protection

Motor circuit breaker:
GV2L



Magnetic protection
> short-circuit protection

Contactor:
LC1D



Control
> Start /Stop

Status monitoring
> signaling
> alarm monitoring

Protection relay:
LRD



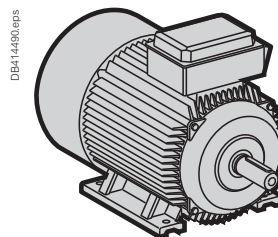
Thermal protection
> overload



Ultra motor starter
> All basic or advanced protection and control functions in one block

and more...

- > Overload indication and alarm
- > Status report, remote control via communication bus

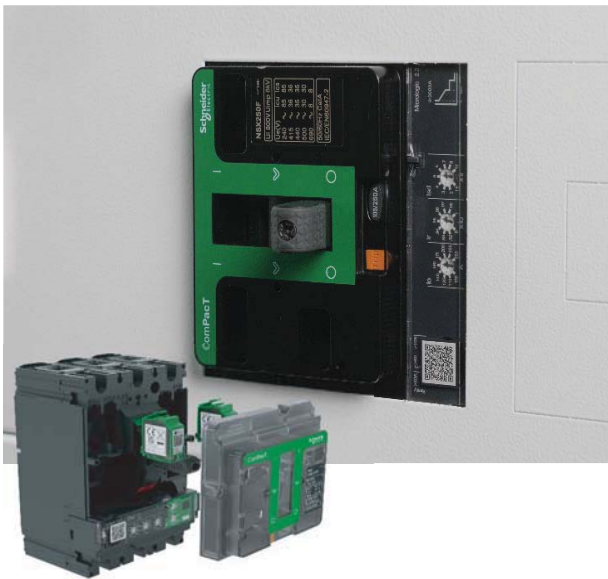


Ultra motor starters
can be used in
80 %
of motor protection and control applications.

ComPact NSXm & NSX

Schneider Electric is proud to introduce the new generation of ComPacT MCCBs. These breakers talk to you, wherever you are, in all transparency. New design complements new wireless connectivity capabilities with our latest wireless auxiliary contact.

ComPact Design



New signature design

- Schneider Electric green signature style for the entire ComPacT range
- Estimated 40% reduction of wiring time for panel builders
- Experience easier installation thanks to a new ergonomic front-plate design
- Gain the confidence that all auxiliaries are on the right spot, and simply double check that you have the right coil rating
- Ergonomic new toggle for easier breaker manual operation

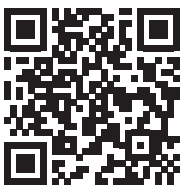
Wireless Auxiliary Contact



Wireless breaker status

- Plug & play technology for clear connection status (0 or 1, no half-way wired)
- Placed in the same position as the wired version, its LED light will give you direct indication in case of a tripping
- If you are away, your ComPacT will send you an immediate notification via EcoStruxure Facility Expert for instance
- Wireless auxiliary accelerates overall wiring time: status communication is done very simply and commissioned wirelessly
- Communication architecture is fully EcoStruxure Power validated, with any application

Ready to meet the new face of ComPacT?



Meet the new generation of ComPacT™ circuit breakers with semi-transparent faceplate, screwless auxiliaries and remote monitoring features.

Learn about the benefits of the ComPacT range here:
se.com/compact-nsx

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



NSXm Thermal Magnetic Trip Unit (TMD)

- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 to 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With compression lug connectors
- All the circuit breakers have a transparent lead-sealable cover

| Breaking Capacity Icu as per IEC 60947-2 | Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|--|---------------|----------------------|--------------|---------------------|--------------|
| 16kA | 16A | C11E3TM016B | 13750 | C11E6TM016B | 19750 |
| | 25A | C11E3TM025B | 13750 | C11E6TM025B | 19750 |
| | 32A | C11E3TM032B | 13750 | C11E6TM032B | 19750 |
| | 40A | C11E3TM040B | 13750 | C11E6TM040B | 19750 |
| | 50A | C11E3TM050B | 13750 | C11E6TM050B | 19750 |
| | 63A | C11E3TM063B | 13750 | C11E6TM063B | 19750 |
| | 80A | C11E3TM080B | 13750 | C11E6TM080B | 19750 |
| | 100A | C11E3TM100B | 13750 | C11E6TM100B | 19750 |
| | 125A | C12E3TM125B | 24360 | C12E6TM125B | 30000 |
| 160A | C12E3TM160B | 26070 | C12E6TM160B | 32690 | |
| 25kA | 16A | C11B3TM016B | 13750 | C11B6TM016B | 19750 |
| | 25A | C11B3TM025B | 13750 | C11B6TM025B | 19750 |
| | 32A | C11B3TM032B | 13750 | C11B6TM032B | 19750 |
| | 40A | C11B3TM040B | 13750 | C11B6TM040B | 19750 |
| | 50A | C11B3TM050B | 13750 | C11B6TM050B | 19750 |
| | 63A | C11B3TM063B | 13750 | C11B6TM063B | 19750 |
| | 80A | C11B3TM080B | 13750 | C11B6TM080B | 19750 |
| | 100A | C11B3TM100B | 13750 | C11B6TM100B | 19750 |
| | 125A | C12B3TM125B | 24360 | C12B6TM125B | 30000 |
| 160A | C12B3TM160B | 26070 | C12B6TM160B | 32690 | |
| 36kA | 16A | C11F3TM016B | 16750 | C11F6TM016B | 21200 |
| | 25A | C11F3TM025B | 16750 | C11F6TM025B | 21200 |
| | 32A | C11F3TM032B | 16750 | C11F6TM032B | 21200 |
| | 40A | C11F3TM040B | 16750 | C11F6TM040B | 21200 |
| | 50A | C11F3TM050B | 16750 | C11F6TM050B | 21200 |
| | 63A | C11F3TM063B | 16750 | C11F6TM063B | 21200 |
| | 80A | C11F3TM080B | 16750 | C11F6TM080B | 21200 |
| | 100A | C11F3TM100B | 16750 | C11F6TM100B | 21200 |
| | 125A | C12F3TM125B | 25030 | C12F6TM125B | 31160 |
| 160A | C12F3TM160B | 26270 | C12F6TM160B | 33610 | |
| 50kA | 16A | C11N3TM016B | 19920 | C11N6TM016B | 24970 |
| | 25A | C11N3TM025B | 19920 | C11N6TM025B | 24970 |
| | 32A | C11N3TM032B | 19920 | C11N6TM032B | 24970 |
| | 40A | C11N3TM040B | 19920 | C11N6TM040B | 24970 |
| | 50A | C11N3TM050B | 19920 | C11N6TM050B | 24970 |
| | 63A | C11N3TM063B | 19920 | C11N6TM063B | 24970 |
| | 80A | C11N3TM080B | 19920 | C11N6TM080B | 24970 |
| | 100A | C11N3TM100B | 19920 | C11N6TM100B | 24970 |
| | 125A | C12N3TM125B | 30090 | C12N6TM125B | 34600 |
| 160A | C12N3TM160B | 30730 | C12N6TM160B | 36330 | |
| 70kA | 16A | C11H3TM016B | 25460 | C11H6TM016B | 32840 |
| | 25A | C11H3TM025B | 25460 | C11H6TM025B | 32840 |
| | 32A | C11H3TM032B | 25460 | C11H6TM032B | 32840 |
| | 40A | C11H3TM040B | 25460 | C11H6TM040B | 32840 |
| | 50A | C11H3TM050B | 25460 | C11H6TM050B | 32840 |
| | 63A | C11H3TM063B | 25460 | C11H6TM063B | 32840 |
| | 80A | C11H3TM080B | 25460 | C11H6TM080B | 32840 |
| | 100A | C11H3TM100B | 25460 | C11H6TM100B | 32840 |
| | 125A | C12H3TM125B | 47390 | C12H6TM125B | 50360 |
| 160A | C12H3TM160B | 47900 | C12H6TM160B | 51380 | |

Note: For Everlink type NSXm MCCBs add prices of LV426970 (3Pole) or LV426971(4Pole) -2 Sets in above MCCBs

For details on stockable and non stockable status, technical parameter, please contact Customer Care Centre

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



NSXm integrated Earth Leakage protection (MicroLogic Vigi 4.1 Trip Unit)

- Standard protection of distribution cables
- Earth leakage protection
- Indication of:
 - Overload alarming (via LEDs and via SDx module)
 - Overload tripping (via the SDx module)
- Earth leakage alarming (via the SDx module)
- Earth leakage tripping (via front face screen and the SDx module).

| Breaking Capacity Icu as per IEC 60947-2 | Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|--|---------------|----------------------|--------------|---------------------|--------------|
| 16kA | 25A | C11E34V025B | 40820 | C11E44V025B | 45690 |
| | 50A | C11E34V050B | 40820 | C11E44V050B | 45690 |
| | 100A | C11E34V100B | 40820 | C11E44V100B | 45690 |
| | 160A | C12E34V160B | 43320 | C12E44V160B | 48880 |
| 25kA | 25A | C11B34V025B | 43060 | C11B44V025B | 48280 |
| | 50A | C11B34V050B | 43060 | C11B44V050B | 48280 |
| | 100A | C11B34V100B | 43060 | C11B44V100B | 48280 |
| | 160A | C12B34V160B | 45590 | C12B44V160B | 54920 |
| 36kA | 25A | C11F34V025B | 43060 | C11F44V025B | 49560 |
| | 50A | C11F34V050B | 43060 | C11F44V050B | 49560 |
| | 100A | C11F34V100B | 43060 | C11F44V100B | 49560 |
| | 160A | C12F34V160B | 47010 | C12F44V160B | 55870 |
| 50kA | 25A | C11N34V025B | 47010 | C11N44V025B | 53340 |
| | 50A | C11N34V050B | 47010 | C11N44V050B | 53340 |
| | 100A | C11N34V100B | 47010 | C11N44V100B | 53340 |
| | 160A | C12N34V160B | 53340 | C12N44V160B | 56980 |
| 70kA | 25A | C11H34V025B | 51910 | C11H44V025B | 59680 |
| | 50A | C11H34V050B | 51910 | C11H44V050B | 59680 |
| | 100A | C11H34V100B | 51910 | C11H44V100B | 59680 |
| | 160A | C12H34V160B | 63790 | C12H44V160B | 70900 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024



- Suitability for isolation as defined by standard IEC 60947-3
- Self protected by their high-set magnetic release
- Single frame size upto 160A

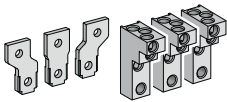
ComPact NSXm NA switch-disconnector With Compression Lug connectors

| Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|---------------|----------------------|--------------|---------------------|--------------|
| 50A | C113050BS | 14100 | C114050BS | 20850 |
| 100A | C113100BS | 14100 | C114100BS | 20850 |
| 160A | C123160BS | 28830 | C124160BS | 38470 |

ComPact NSXm NA switch-disconnector With EverLink™ connectors

| Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|---------------|----------------------|--------------|---------------------|--------------|
| 50A | C113050LS | 14810 | C114050LS | 21910 |
| 100A | C113100LS | 14810 | C114100LS | 21910 |
| 160A | C123160LS | 30320 | C124160LS | 40440 |

Accessories for ComPact NSXm 16A to 160A



Terminal spreaders



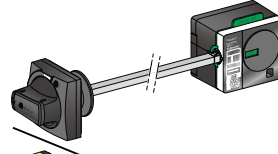
OF or SD auxiliary contact standard



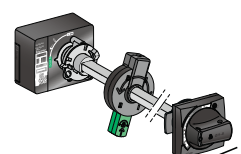
MN or MX voltage releases standard



Direct rotary handle



Side Rotary handle



Extended rotary handle

NSXm Accessories

Auxiliary contacts (changeover)

| Description | Reference | Unit MRP [₹] |
|-------------------|-----------|--------------|
| Standard OF or SD | LV426950 | 1170 |

Rotary Handles

| Description | Reference | Unit MRP [₹] |
|-------------|-----------|--------------|
|-------------|-----------|--------------|

Direct rotary handle

| | | |
|-----------------------|------------------------|------|
| Standard black handle | LV426930/ LV426930T | 1500 |
|-----------------------|------------------------|------|

Extended rotary handle

| | | |
|---------------------------------------|------------------------|------|
| Standard extended rotary black handle | LV426932/ LV426932T | 2390 |
|---------------------------------------|------------------------|------|

Side rotary handle

| | | |
|-----------------------------------|------------------------|------|
| Standard side rotary black handle | LV426935/ LV426935T | 3830 |
|-----------------------------------|------------------------|------|

Spreader Links

| Description | Reference | Unit MRP [₹] |
|-------------|-----------|--------------|
|-------------|-----------|--------------|

Spreaders & Phase Barriers

| | | |
|-------------------------|----------|------|
| Spreaders (Set of 3) 3P | LV426940 | 880 |
| Spreaders (Set of 4) 4P | LV426941 | 1200 |

Everlink Accessories

| Description | Reference | Unit MRP [₹] |
|-------------|-----------|--------------|
|-------------|-----------|--------------|

Everlink Connectors

| | | |
|---|----------|------|
| EverLink connector with control wire terminal for 3P (Set of 3) | LV426970 | 1080 |
|---|----------|------|

| | | |
|---|----------|------|
| EverLink connector with control wire terminal for 4P (Set of 4) | LV426971 | 1410 |
|---|----------|------|

Voltage Releases

| Description | Shunt Release Reference | Unit MRP [₹] | Under Voltage Reference | Unit MRP [₹] |
|-------------|-------------------------|--------------|-------------------------|--------------|
|-------------|-------------------------|--------------|-------------------------|--------------|

AC

| | | | | |
|--------------------|----------|------|----------|------|
| 24 V 50/60 Hz | LV426841 | 3140 | LV426801 | 4040 |
| 48 V 50/60 Hz | LV426842 | 4270 | LV426802 | 4490 |
| 110-130 V 50/60 Hz | LV426843 | 2850 | LV426803 | 3620 |
| 220-240 V 50/60 Hz | LV426844 | 2930 | LV426804 | 3620 |
| 380-415 V 50 Hz | LV426846 | 2780 | LV426806 | 3620 |

DC

| | | | | |
|-------|----------|------|----------|------|
| 24 V | LV426841 | 3140 | LV426801 | 4040 |
| 48 V | LV426842 | 4270 | LV426802 | 4490 |
| 125 V | LV426843 | 2850 | LV426803 | 3620 |
| 250 V | LV426844 | 2930 | LV426815 | 4380 |

For details on stockable and non stockable status, technical parameter, please contact Customer Care Centre

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

EasyPact EZC

Fixed Thermal Magnetic Trip Unit (TMD)



- Conforms to IEC60947-2
- Suitable for isolation
- Suitable for EasyPact Busbar system

| Breaking Capacity Icu as per IEC 60947-2 | Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|---|---|----------------------|--------------|---------------------|--------------|
| "30 kA @ 415V AC 10kA @ 250V DC (2pole in series)" | 15A | EZC100H3015 | 6750 | - | - |
| | 20A | EZC100H3020 | 6750 | EZC100H4020 | 9360 |
| | 25A | EZC100H3025 | 6750 | EZC100H4025 | 9580 |
| | 32A | EZC100H3032 | 6750 | EZC100H4032 | 9360 |
| | 40A | EZC100H3040 | 6750 | EZC100H4040 | 9360 |
| | 50A | EZC100H3050 | 6750 | EZC100H4050 | 9360 |
| | 63A | EZC100H3063 | 6750 | EZC100H4063 | 9360 |
| | 80A | EZC100H3080 | 6750 | EZC100H4080 | 9360 |
| | 100A | EZC100H3100 | 6750 | EZC100H4100 | 9360 |
| | "25 kA @ 415V AC 20kA @ 250V DC (2pole in series)" | 125A | EZC250N3125 | 9850 | EZC250N4125 |
| 160A | | EZC250N3160 | 11930 | EZC250N4160 | 15980 |
| 200A | | EZC250N3200 | 14170 | EZC250N4200 | 17860 |

EasyPact CVS

Fixed Thermal Magnetic Trip Unit (TMD)



- Ics = 100% Icu as per IEC 60947-2
- Suitable for Isolation
- Transparent Cover for trip unit as Standard
- Class II front face
- Single frame size 16-250A

| Breaking Capacity as per IEC 60947-2 | Rated Current | Three Pole Reference | Unit MRP [₹] | Four Pole Reference | Unit MRP [₹] |
|--|------------------|----------------------|--------------|------------------------|--------------|
| EasyPact CVS 100 to 630A Overload Setting (Ir) 0.7 - 1 x In | | | | | |
| 36kA | 16A | LV510330 ✓ | 11990 | LV510340 | 14980 |
| | 25A | LV510331 ✓ | 11990 | LV510341 | 14980 |
| | 32A | LV510332 ✓ | 11990 | LV510342 ✓ | 14980 |
| | 40A | LV510333 ✓ | 11990 | LV510343 ✓ | 14980 |
| | 50A | LV510334 ✓ | 11990 | LV510344 | 14980 |
| | 63A | LV510335 ✓ | 11990 | LV510345 ✓ | 14980 |
| | 80A | LV510336 ✓ | 11990 | LV510346 | 14980 |
| | 100A | LV510337 ✓ | 11990 | LV510347 ✓ | 14980 |
| | 125A | LV516332 ✓ | 13320 | LV516342 | 16540 |
| | 160A | LV516333 ✓ | 17640 | LV516343 | 21010 |
| | 200A | LV525332 | 25410 | LV525342 ✓ | 31480 |
| 36kA | 250A | LV525333 | 28180 | LV525343 ✓ | 34880 |
| | 320A | LV540305 | 36660 | LV540308 ✓ | 45480 |
| | 400A | LV540306 | 36870 | LV540309 ✓ | 45880 |
| | 500A | LV563305 ✓ | 41790 | LV563308 ✓ | 52930 |
| | 630A* NEW | LV563307 ✓ | 47860 | LV563310* ✓ NEW | 60400 |

Note:

- For performance and other details contact our nearest Sales Office.
- * *630A @ 30°C & 600A @ 40° C for TMD630A MCCB

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ **NORMAL STOCK ITEMS**

W.E.F. January 17th, 2024

EasyPact EZC

| Description | EZC100 Reference | Unit MRP [₹] | EZC250 Reference | Unit MRP [₹] |
|--|---|--------------|---|--------------|
| Auxiliary Contacts (changeover) Multifunction | | | | |
| Auxiliary Switch 1 C/O | EZAUX10 <input checked="" type="checkbox"/> | 1190 | EZEAX <input checked="" type="checkbox"/> | 1450 |
| Alarm Switch 1 C/O | EZAUX01 | 1190 | EZEAL <input checked="" type="checkbox"/> | 1450 |
| Alarm - Auxiliary Switch | EZAUX11 <input checked="" type="checkbox"/> | 1770 | EZEAXAL | 2100 |
| Spreaders | | | | |
| Spreaders *(Set Of 3) 3P | EZASPDR3P <input checked="" type="checkbox"/> | 280 | EZESPDR3P <input checked="" type="checkbox"/> | 720 |
| Spreaders *(Set Of 4) 4P | EZASPDR4P <input checked="" type="checkbox"/> | 1000 | EZESPDR4P | 920 |
| Phase Barriers | EZAFASB2 | 300 | EZEFASB2 | 420 |
| Rotary Handle | | | | |
| Direct Rotary handle | EZAROTDS <input checked="" type="checkbox"/> | 1690 | EZEROTDS | 2100 |
| Extended Rotary handle | EZAROTE | 2480 | EZEROTE | 2480 |
| Shunt Release | | | | |
| AC | | | | |
| 100-130 V | EZASHT100AC | 2560 | EZESHT100AC | 2540 |
| 200-277 V | EZASHT200AC <input checked="" type="checkbox"/> | 2560 | EZESHT200AC <input checked="" type="checkbox"/> | 2560 |
| 380-480 V | EZASHT380AC | 2910 | | |
| DC | | | | |
| 24 V | EZASHT024DC | 2800 | EZESHT024DC | 2900 |

EasyPact CVS

Auxiliary Contacts (Changeover) Multifunction

| Description | Reference | Unit MRP [₹] |
|---|--|--------------|
| OF or SD or SDE or SDV | 29450 <input checked="" type="checkbox"/> | 1100 |
| OF or SD or SDE or SDV low level | 29452 | 1310 |
| SDE adaptor for trip unit TM or MA or Micrologic 2 \$\$ | LV429451 <input checked="" type="checkbox"/> | 1000 |

\$\$ To be considered alongwith SDE contact for MCCB with TMD/MA./Micrologic 2 protection.

Voltage Releases

| Description | Shunt Release Reference | Unit MRP [₹] | Undervoltage Reference | Unit MRP [₹] |
|--------------------|--|--------------|--|--------------|
| AC | | | | |
| 220-240 V 50/60 Hz | LV429387 <input checked="" type="checkbox"/> | 3280 | LV429407 <input checked="" type="checkbox"/> | 4060 |

Installation Accessories

| Description | Upto 100A only Reference | Unit MRP [₹] | 160/250A Reference | Unit MRP [₹] | 400/630A Reference | Unit MRP [₹] |
|---------------------------------------|---|--------------|--|--------------|---|--------------|
| Spreaders & Phase Barriers | | | | | | |
| Spreaders (Set of 3) 3P | LV431563_IN <input checked="" type="checkbox"/> | 620 | LV431563 <input checked="" type="checkbox"/> | 760 | 32492 <input checked="" type="checkbox"/> / LV432492 | 1780 |
| Spreaders (Set of 4) 4P | LV431564_IN <input checked="" type="checkbox"/> | 840 | LV431564 <input checked="" type="checkbox"/> | 1000 | 32493 <input checked="" type="checkbox"/> / LV432493 | 2170 |
| Phase Barriers (Set of 6) | * | | * | | LV432570 <input checked="" type="checkbox"/> | 1020 |

Rotary Handles

| Description | 100/160/250A Reference | Unit MRP [₹] | 400/630A Reference | Unit MRP [₹] |
|---------------------------------|---|--------------|---|--------------|
| Direct rotary handle | | | | |
| Standard black handle | LV429337 <input checked="" type="checkbox"/> | 1580 | LV432597 <input checked="" type="checkbox"/> | 2380 |
| Extended rotary handle | | | | |
| Standard extended rotary handle | LV429338_IN <input checked="" type="checkbox"/> | 2170 | LV432598_IN <input checked="" type="checkbox"/> | 3860 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

AC Miniature Circuit Breakers - xC60



Green Premium

- Breaking Capacity as per IEC 60898 and IS/IEC 60898-1, Icn = 10kA
- Breaking Capacity as per IEC 60947-2, Icn = 15kA, upto 40A
- Can be used for DC application upto 60V per pole
- Higher system performance with optimized cost: Cascading*
- Increased System Continuity: Discrimination*
- Higher Installation Life: Energy Limitation Class 3, Fast Closure Mechanism
- Ease, Speed and Flexibility of installation - Biconnect, Line-Load Reversible
- Field-fittable auxiliaries for advance protection and monitoring
- Positive Contact Indication for assurance of disconnection

| [In] Rated Current (A) | 1 Pole Reference | Unit MRP [₹] | 2 Pole Reference | Unit MRP [₹] | 3 Pole Reference | Unit MRP [₹] | 4 Pole Reference | Unit MRP [₹] |
|------------------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| Module Width** | 1 mod | | 2 mod | | 3 mod | | 4 mod | |
| MOQ | 12 Nos. | | 6 Nos. | | 4 Nos. | | 3 Nos. | |
| B curve | | | | | | | | |
| 6 | A9N1P06B ✓ | 449 | A9N2P06B ✓ | 1355 | A9N3P06B ✓ | 2249 | - | - |
| 10 | A9N1P10B ✓ | 449 | A9N2P10B ✓ | 1355 | A9N3P10B ✓ | 2249 | - | - |
| 16 | A9N1P16B ✓ | 449 | A9N2P16B ✓ | 1355 | A9N3P16B ✓ | 2249 | - | - |
| 20 | A9N1P20B ✓ | 449 | A9N2P20B ✓ | 1355 | - | - | - | - |
| 25 | A9N1P25B ✓ | 449 | - | - | A9N3P25B ✓ | 2249 | - | - |
| 32 | A9N1P32B ✓ | 449 | - | - | A9N3P32B ✓ | 2249 | A9N4P32B ✓ | 3030 |
| 40 | A9N1P40B ✓ | 974 | - | - | - | - | A9N4P40B ✓ | 4362 |
| 63 | A9N1P63B ✓ | 988 | - | - | A9N3P63B ✓ | 3454 | A9N4P63B ✓ | 4402 |
| C curve | | | | | | | | |
| 1 | A9N1P01C ✓ | 688 | A9N2P01C ✓ | 1877 | A9N3P01C ✓ | 2962 | A9N4P01C ✓ | 3728 |
| 2 | A9N1P02C ✓ | 688 | A9N2P02C ✓ | 1877 | A9N3P02C ✓ | 2962 | A9N4P02C ✓ | 3728 |
| 3 | A9N1P03C ✓ | 688 | A9N2P03C ✓ | 1877 | A9N3P03C ✓ | 2962 | - | - |
| 4 | A9N1P04C ✓ | 688 | A9N2P04C ✓ | 1877 | A9N3P04C ✓ | 2962 | A9N4P04C ✓ | 3728 |
| 6 | A9N1P06C ✓ | 415 | A9N2P06C ✓ | 1355 | A9N3P06C ✓ | 2249 | A9N4P06C ✓ | 3030 |
| 10 | A9N1P10C ✓ | 415 | A9N2P10C ✓ | 1355 | A9N3P10C ✓ | 2249 | A9N4P10C ✓ | 3030 |
| 16 | A9N1P16C ✓ | 415 | A9N2P16C ✓ | 1355 | A9N3P16C ✓ | 2249 | A9N4P16C ✓ | 3030 |
| 20 | A9N1P20C ✓ | 415 | A9N2P20C ✓ | 1355 | A9N3P20C ✓ | 2249 | A9N4P20C ✓ | 3030 |
| 25 | A9N1P25C ✓ | 415 | A9N2P25C ✓ | 1355 | A9N3P25C ✓ | 2249 | A9N4P25C ✓ | 3030 |
| 32 | A9N1P32C ✓ | 415 | A9N2P32C ✓ | 1355 | A9N3P32C ✓ | 2249 | A9N4P32C ✓ | 3030 |
| 40 | A9N1P40C ✓ | 974 | A9N2P40C ✓ | 2182 | A9N3P40C ✓ | 3425 | A9N4P40C ✓ | 4275 |
| 50 | A9N1P50C ✓ | 974 | A9N2P50C ✓ | 2182 | A9N3P50C ✓ | 3425 | A9N4P50C ✓ | 4402 |
| 63 | A9N1P63C ✓ | 988 | A9N2P63C ✓ | 2201 | A9N3P63C ✓ | 3538 | A9N4P63C ✓ | 4585 |
| D curve | | | | | | | | |
| 2 | A9N1P02D ✓ | 695 | A9N2P02D ✓ | 1897 | - | - | - | - |
| 3 | A9N1P03D ✓ | 695 | - | - | A9N3P03D ✓ | 3008 | - | - |
| 4 | A9N1P04D ✓ | 695 | A9N2P04D ✓ | 1897 | A9N3P04D ✓ | 3008 | - | - |
| 6 | A9N1P06D ✓ | 586 | A9N2P06D ✓ | 1421 | A9N3P06D ✓ | 2369 | - | - |
| 10 | A9N1P10D ✓ | 586 | A9N2P10D ✓ | 1421 | A9N3P10D ✓ | 2369 | - | - |
| 16 | A9N1P16D ✓ | 586 | A9N2P16D ✓ | 1421 | A9N3P16D ✓ | 2369 | A9N4P16D ✓ | 3142 |
| 20 | A9N1P20D ✓ | 586 | A9N2P20D ✓ | 1421 | A9N3P20D ✓ | 2369 | A9N4P20D ✓ | 3142 |
| 25 | A9N1P25D ✓ | 586 | A9N2P25D ✓ | 1421 | A9N3P25D ✓ | 2369 | A9N4P25D ✓ | 3142 |
| 32 | A9N1P32D ✓ | 586 | A9N2P32D ✓ | 1421 | A9N3P32D ✓ | 2369 | A9N4P32D ✓ | 3142 |
| 40 | A9N1P40D ✓ | 1052 | A9N2P40D ✓ | 2306 | A9N3P40D ✓ | 3628 | A9N4P40D ✓ | 4550 |
| 50 | - | - | - | - | A9N3P50D ✓ | 3628 | - | - |
| 63 | A9N1P63D ✓ | 1065 | A9N2P63D ✓ | 2334 | A9N3P63D ✓ | 3661 | A9N4P63D ✓ | 4597 |

Note: * Please contact nearest Schneider Electric Sales Office or Customer Care Center for coordination chart
**18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

AC Miniature Circuit Breakers - C120



- Breaking capacity as per IEC 60898, Icn = 10kA/15kA
- Positive Contact Indication for assurance of disconnection
- Degree of pollution: 3 (suitable for industrial environment)
- Operating Temperature: -30 to 70°C
- Terminal connections: Flexible cables up to 35 sq.mm; Rigid cables up to 50 sq.mm

| [In] Rated Current (A) | 1 Pole Reference | Unit MRP [₹] | 2 Pole Reference | Unit MRP [₹] | 3 Pole Reference | Unit MRP [₹] | 4 Pole Reference | Unit MRP [₹] |
|------------------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|
| Module Width** | 1.5 mod | | 3 mod | | 4.5 mod | | 6 mod | |
| MOQ | 12 Nos. | | 6 Nos. | | 4 Nos. | | 3 Nos. | |
| C120N (10kA) | | | | | | | | |
| 80 | A9N18357 ✓ | 3787 | A9N18361 ✓ | 8393 | A9N18365 ✓ | 13184 | A9N18372 ✓ | 17181 |
| 100 | A9N18358 ✓ | 4248 | A9N18362 ✓ | 8952 | A9N18367 ✓ | 14051 | A9N18374 ✓ | 17901 |
| 125 | A9N18359 ✓ | 4675 | A9N18363 ✓ | 9840 | A9N18369 ✓ | 15585 | A9N18376 ✓ | 20260 |
| C120H (15kA) | | | | | | | | |
| 80 | A9N18446 | 4359 | A9N18457 | 10100 | A9N18468 | 15494 | A9N18479 | 21498 |
| 100 | A9N18447 | 4997 | A9N18458 | 10561 | A9N18469 | 16880 | A9N18480 | 23835 |
| 125 | A9N18448 | 5517 | A9N18459 | 11982 | A9N18470 | 18216 | A9N18481 | 25179 |

DC Miniature Circuit Breakers - C60H



- Specially designed MCB for enhanced protection in DC installation
- Magnetic Arc Chutes to quick break DC current in event of fault
- Breaking capacity 6kA as per IEC 60947-2
- Voltage Rating: 1P - 250 V DC & 2P - 500 V DC
- Impulse Voltage: 6 kV
- Higher Installation Life: Energy Limiting Class: 3

| [In] Rated Current (A) | Module Width 18mm/ module | 1 Pole Reference | Unit MRP [₹] | Module Width 18mm/ module | 2 Pole Reference | Unit MRP [₹] |
|------------------------|---------------------------|------------------|--------------|---------------------------|------------------|--------------|
| MOQ | | 12 Nos. | | | 6 Nos. | |
| C60H-DC | | | | | | |
| 0.5 | 1 | A9N61500 | 1784 | 2 | A9N61520 | 3917 |
| 1 | 1 | A9N61501 ✓ | 1301 | 2 | A9N61521 ✓ | 2685 |
| 2 | 1 | A9N61502 ✓ | 1301 | 2 | A9N61522 ✓ | 2685 |
| 3 | 1 | A9N61503 ✓ | 1301 | 2 | A9N61523 ✓ | 2685 |
| 4 | 1 | A9N61504 ✓ | 1301 | 2 | A9N61524 ✓ | 2685 |
| 5 | 1 | A9N61505 | 1301 | 2 | A9N61525 | 2685 |
| 6 | 1 | A9N61506 ✓ | 1069 | 2 | A9N61526 ✓ | 2185 |
| 10 | 1 | A9N61508 ✓ | 1069 | 2 | A9N61528 ✓ | 2185 |
| 16 | 1 | A9N61511 ✓ | 1069 | 2 | A9N61531 ✓ | 2185 |
| 20 | 1 | A9N61512 ✓ | 1069 | 2 | A9N61532 ✓ | 2185 |
| 25 | 1 | A9N61513 ✓ | 1069 | 2 | A9N61533 ✓ | 2185 |
| 32 | 1 | A9N61515 ✓ | 1231 | 2 | A9N61535 ✓ | 2185 |
| 40 | 1 | A9N61517 ✓ | 1465 | 2 | A9N61537 ✓ | 3222 |
| 50 | 1 | A9N61518 ✓ | 1465 | 2 | A9N61538 ✓ | 3222 |
| 63 | 1 | A9N61519 ✓ | 1465 | 2 | A9N61539 ✓ | 3222 |

Special application MCBs



| Solar Application – PV DC |
|--|
| • DC MCB for multi string PV installations |
| • Operating Voltage: 800V DC |
| • Current Rating up to 25A |
| • Complies to IEC / EN 60947-2 |



| Rail Application* (Including Rolling Stock) |
|--|
| • Fire & smoke Resis tant – Level 2 (NF F 16-101, NF F 16-102) |
| • Shock & vibration resistant (IEC 61373) – Cat 1, Class B |
| • Breaking Capacity: up to 25kA |
| • Complies to IEC / EN 60947-2 |



| UL MCB |
|--|
| • Type: UL1077, UL489 |
| • Breaking Capacity of 10kA |
| • Complies to IEC 60947-2 / UL1077 / UL489 / CSA |

Note:

Please contact nearest Schneider Electric sales office or Customer Care for Reference and prices of Application Specific MCBs

*Rail Application RCDs are also available on demand **18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

✓ NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Residual Current Devices (RCDs) - For Human and Fire Protection



**30
mA**

Use of **30mA RCDs** is now **mandatory** for all **domestic intallations** in India {CEA Amendment regulation 2015*}



Schneider Electric provides voltage independent RCDs which work on current sensing technology and provide protection from residual current even at extra low voltages (down to zero volts) and in case of break of neutral.

**SI
Type**

Schneider Electric offers SI RCD built to operate in electrically polluted or installation in aggressive environments:

- Flourescent / Variable lighting with Electronic ballast
- Powerful IT / Telecom equipment / Air conditioning
- Severe Atmosphere - High lighting risk / Swimming pools

* for Measures relating to Safety and Electric supply

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

AC Residual Current Circuit Breakers - xID



Suitable for
ComReady
Auxiliary



| [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | 2 Pole Reference | Unit MRP [₹] | Module Width 18mm/module | 4 Pole Reference | Unit MRP [₹] |
|------------------------|--------------------------------|--------------------------|------------------|--------------|--------------------------|------------------|--------------|
| 25 | 30 | 2 | A9N16201 | 4606 | 4 | A9N16251 | 6465 |
| | 100 | 2 | A9N16203 | 5112 | 4 | A9N16253 | 6870 |
| | 300 | 2 | A9N16202 | 5267 | 4 | A9N16252 | 7072 |
| 40 | 30 | 2 | A9N16204 | 5421 | 4 | A9N16254 | 6364 |
| | 100 | 2 | A9N16205 | 5845 | 4 | A9N16255 | 6908 |
| | 300 | 2 | A9N16206 | 6130 | 4 | A9N16256 | 7175 |
| 63 | 30 | 2 | A9N16208 | 6528 | 4 | A9N16258 | 7369 |
| | 100 | 2 | A9N16209 | 7021 | 4 | A9N16259 | 8162 |
| | 300 | 2 | A9N16210 | 7162 | 4 | A9N16260 | 8200 |
| 80 | 30 | 2 | A9N16212 | 10975 | 4 | A9N16261 | 12999 |
| | 100 | 2 | A9N16213 | 11157 | 4 | A9N16262 | 13208 |
| | 300 | 2 | - | - | 4 | A9N16263 | 13279 |

AC Residual Current Circuit Breakers (RCCBs) - ID



- Complies to standards IEC 61008-1 and VDE 0664
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Electrical ON/OFF indication by using OFSP auxiliary

| Poles Description | [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | Reference | Unit MRP [₹] |
|-------------------|------------------------|--------------------------------|--------------------------|------------|--------------|
| 4P | 100 | 30 | 4 | **A9R11491 | - |
| | | 100 | 4 | **A9R12491 | - |
| | 125 | 30 | 4 | 16905 | 55307 |
| | | 100 | 4 | 16906 | 53849 |
| | | 300 | 4 | 16907 | 54100 |

Note: **For 100A RCCB Auxiliary kindly contact Customer Care

AC Residual Current Breaker Overload (RCBO) - DPN N Vigi



Suitable for
ComReady
Auxiliary



- Complies to standards IEC/EN 61009
- AC Class Protection; Tripping characteristics - C curve
- Overvoltage category (IEC 60364): IV
- Suitable for indication & tripping auxiliaries

| Poles Description | [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | Reference | Unit MRP [₹] |
|-------------------|------------------------|--------------------------------|--------------------------|-----------|--------------|
| 1P+N | 6 | 30 | 2 | A9N19661 | 7314 |
| | | 300 | 2 | A9N19681 | 7429 |
| | 10 | 30 | 2 | A9N19663 | 7314 |
| | | 300 | 2 | A9N19683 | 7429 |
| | 16 | 30 | 2 | A9N19665 | 7314 |
| | | 300 | 2 | A9N19685 | 7429 |
| | 20 | 30 | 2 | A9N19666 | 7314 |
| | | 300 | 2 | A9N19686 | 7429 |
| | 25 | 30 | 2 | A9N19667 | 7314 |
| | | 300 | 2 | A9N19687 | 7429 |
| | 32 | 30 | 2 | A9N19668 | 7314 |
| | | 300 | 2 | A9N19688 | 7799 |
| | 40 | 30 | 2 | A9N19669 | 9254 |
| | | 300 | 2 | A9N19689 | 9415 |

Note: Application specific RCDs also available with 10mA, 500mA and 1000mA sensitivities | Please contact nearest Schneider Electric Sales Office or Customer Care Center for Reference and Prices

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

SI Type Residual Current Circuit Breakers (RCCBs) - xID SI



- Complies to standard IEC/EN 61008-1
- SI RCDs offer enhanced immunity against Electrical Disturbances; Polluted and Corrosive environments - Guaranteed performance in harsh operating conditions
- Ensures continuity of supply in networks with:
 - Transient overvoltages
 - Loads generating HF leakage current i.e. harmonics
 - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with:
 - Pulsating DC components
 - HF applications which "Blinds" (non-tripping) the conventional RCDs

| [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | 2 Pole Reference | Unit MRP [₹] | Module Width 18mm/module | 4 Pole Reference | Unit MRP [₹] |
|------------------------|--------------------------------|--------------------------|------------------|--------------|--------------------------|------------------|--------------|
| 25 | 30 | 2 | A9N16234 | 10715 | 4 | A9N16321 | 11941 |
| 40 | 30 | 2 | A9N16237 | 11254 | 4 | A9N16324 | 12318 |
| 63 | 30 | 2 | A9N16240 | 11578 | 4 | A9N16327 | 12648 |
| 63 | 300 | 2 | A9N16246 | 11664 | 4 | - | - |

Vigi Block for xC60 (Add-on RCD Module, 2 & 4 Pole)



- Flexibility to use MCB of any tripping curve to suit applications, ensuring best 3 in 1 protection
- No auxiliary supply required
- AC Class protection
- Degree of pollution: 3 (suitable for industrial environment)
- Immune to nuisance tripping due to transient over voltages

| [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | 2 Pole Reference | Unit MRP [₹] | Module Width 18mm/module | 4 Pole Reference | Unit MRP [₹] |
|------------------------|--------------------------------|--------------------------|------------------|--------------|--------------------------|------------------|--------------|
| 25 | 30 | 1.5 | A9N26581 | 8253 | 3 | A9N26595 | 9459 |
| | 100 | 1.5 | A9N26582 | 9638 | 3 | A9N26596 | 9813 |
| | 300 | 1.5 | A9N26583 | 10191 | 3 | A9N26597 | 10561 |
| 63 | 30 | 2 | A9N26611 | 10595 | 3.5 | A9N26643 | 10635 |
| | 100 | 2 | A9N26612 | 11220 | 3.5 | A9N26644 | 11045 |
| | 300 | 2 | - | - | 3.5 | A9N26645 | 11556 |

Note: Vigi Block for High Rating up to 125A (C120) and High Breaking Capacity (NG125) available on demand

SI Type Residual Current Breaker Overload (RCBO) - DPN N Vigi SI



- Complies to standard IEC/EN 61009
- Ensures continuity of supply in networks with:
 - Transient overvoltages
 - Loads generating HF leakage current i.e. harmonics
 - Loads generating continuous leakage current
- Ensures tripping on genuine earth fault in networks with :
 - Pulsating DC components
 - HF applications which "Blinds" (non-tripping) the conventional RCDs

| Poles Description | [In] Rated Current (A) | Earth-Leakage Sensitivity (mA) | Module Width 18mm/module | Reference | Unit MRP [₹] |
|-------------------|------------------------|--------------------------------|--------------------------|-----------|--------------|
| 1P+N | 6 | 30 | 2 | A9N19631 | 14561 |
| | | 300 | 2 | - | - |
| | 10 | 30 | 2 | A9N19632 | 14561 |
| | | 300 | 2 | - | - |
| | 16 | 30 | 2 | A9N19634 | 14561 |
| | | 300 | 2 | A9N19644 | 14561 |
| | 25 | 30 | 2 | A9N19636 | 14561 |
| | | 300 | 2 | - | - |
| | 32 | 30 | 2 | A9N19637 | 14561 |
| | | 300 | 2 | - | - |
| | 40 | 30 | 2 | A9N19638 | 17241 |
| | | 300 | 2 | A9N19648 | 19186 |

*For Prices, please contact nearest Schneider Electric Sales Office or Customer Care Center are Center for Reference and Prices

*For prices, Please contact nearest Schneider Electric Sales Office or Customer Care Center and prices.

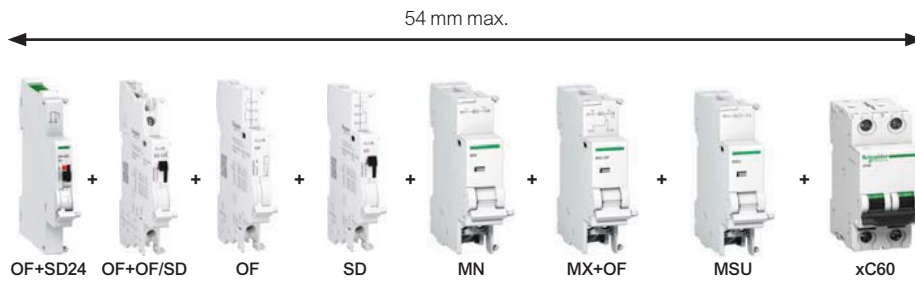
Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Common Auxiliaries for xC60 / C120 / RCDs Range

- Field-fittable auxiliaries (clip fitted) mounted on left side with maximum width of 54mm
- Order: Tripping Auxiliaries (MN first) followed by Indication Auxiliaries (SD first)



| Type | Module Width 18mm/module | Reference | Unit MRP [₹] |
|---|-----------------------------|-----------|-----------------|
| Indication Auxiliaries | | | |
| Acti9 A9A iOF bottom wiring 0.1-6A aux | 0.5 | A9N26904 | 1413 |
| Acti9 A9N SD bottom wiring 0.1-6A aux | 0.5 | A9N26907 | 1730 |
| Acti9 A9N OF/SD+OF top/bt wir 0.1-6A aux | 0.5 | A9N26909 | 4407 |
| Acti9 A9A iOF bottom wiring 0.1-6A aux | 0.5 | A9A26904 | 1447 |
| Acti9 A9A iOF/SD+OF t&b wire 0.1-6A aux | 0.5 | A9A26909 | 4682 |
| OF+SD24 auxiliary contact (ComReady) | 0.5 | A9N26899 | 3879 |
| Protection Auxiliaries – Trip Indication on front face | | | |
| MN Under-voltage Release 220-240V AC | 1 | A9N26960 | 6232 |
| MSU Over-voltage Release 275V AC | 1 | A9N26500 | 7380 |
| Tripping Auxiliaries – Trip Indication on front face | | | |
| MX + OF Shunt Release 110-415V AC: for Remote tripping of Circuit Breaker | 1 | A9N26946 | 4054 |
| MX + OF Shunt Release 12-24V AC/DC: for Remote tripping of Circuit Breaker | 1 | A9N26948 | 4054 |
| Auxiliary Switch for RCCBs – Mandatory for use of Auxiliaries with RCCBs | | | |
| Auxiliary switch for RCCB up to 80A (OF-S) | 0.5 | A9N26923 | 5936 |
| Auxiliary switch for RCCBs 125A (OFSP) | 0.5 | 16940 | 2924 |

Accessories



| Type | Description | Reference | Unit MRP [₹] |
|---|---------------------------------|-----------|-----------------|
| Rotary Handle* | Breaker Switching Sub-Assembly | 27046 | 6714 |
| Rotary Handle* | Extended, Disconnectable handle | 27047 | 3390 |
| Padlock** (bag of 2) | | 26970 | 1319 |
| Multicable terminal for 3 copper cables** | | 19096 | 10913 |
| Aluminum cable terminal** | | 27060 | 790 |
| Spacer | | A9N27062 | 333 |

* for xC60, C120, DPN N Vigi, C60H-DC, xSW - Multi poles only

**for xC60, xID, DPN N Vigi, C60H-DC, xSW, C60PV-DC

Note: For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Protection Against Lightning Strikes And Switching Surges



For all low voltage switchboards and electrical enclosures:

Comprehensive range

- To ensure the protection of equipment connected to:
- Low voltage networks,
- Telecommunications networks,
- Computer networks.
- Easy to implement and use.
- Compatibility with all earthing systems (TT, TNS, TNC, IT).
- Technical and aesthetic consistency

Continuity of service and certified safety

Schneider Electric certified coordination between the surge arrester and its disconnection circuit breaker.

Compliance with standards: IEC/EN 61643-11.



More and more electrical equipment today is sensitive to overvoltages caused by lightning.



90%

of power outlets supply equipment incorporating electronic devices.



iQuick PRD “built-in” technology surge arresters, a Schneider Electric innovation, incorporate their own disconnection circuit breaker: easy to choose and simple to install for greater effectiveness.



Up to **30%** of installation time saved.

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Surge Arresters - Type 1+ 2



- Complies to IEC 61643-1 and EN 61643-11
- Withdrawable type: Easy Replacement
- Inbuilt SPD health Indicator: Also available with remote signaling
- For protection against Direct lightning surge, Indirect lightning surge, Switching surge
- Imp up to 25kA & I_{max} upto 40kA
- **Always use a Back-up MCB with your SPD**
- Maximum Operating Voltage [U_c]: 350V

| Type | Pole Description | Module Width 18mm/module | Reference | Unit MRP [₹] |
|----------|------------------|-----------------------------|-----------|-----------------|
| PRD1 25r | 1P | 2 | 16329 | 23208 |
| | 1P + N | 4 | 16330 | 41658 |
| | 3P | 6 | 16331 | 65595 |
| | 3P + N | 8 | 16332 | 81499 |

Surge Arresters iPRD - Type 2 (Withdrawable type) (TT, TN-S, TN-C Systems)



- In conformance with standards IEC 61643-11/2011 T2 and EN 61643-11 Type 2
- For protection against Indirect lightning surge and Switching surge
- Inbuilt health Indicator
- Response time < 25ns
- I_{max} (8/20 s): 65/40/15/8kA
- Maximum Operating Voltage [U_c]: 340V
- Level of protection, U_p: 1.0 - 2.0 kV
- Remote indication contact with 8r/20r/40r/65r
- **Always use a Back-up MCB with your SPD**

| Type | Rated Voltage (V) | Pole Description | Module Width 18mm/module | Reference | Unit MRP [₹] |
|---------|-------------------|------------------|-----------------------------|-----------|-----------------|
| iPRD8 | 230 | 1P | 1 | A9L08100 | 5685 |
| | 230 | 1P+N | 2 | A9L08500 | 10844 |
| | 230/400 | 3P | 3 | A9L08300 | 14636 |
| | 230/400 | 3P+N | 4 | A9L08600 | 22092 |
| iPRD8r | 230 | 1P+N | 2 | A9L08501 | 13000 |
| | 230/400 | 3P+N | 4 | A9L08601 | 26511 |
| iPRD20 | 230 | 1P | 1 | A9L20100 | 6372 |
| | 230 | 1P+N | 2 | A9L20500 | 13632 |
| | 230/400 | 3P | 3 | A9L20300 | 17450 |
| iPRD20r | 230/400 | 3P+N | 4 | A9L20600 | 24671 |
| | 230 | 1P+N | 2 | A9L20501 | 15894 |
| | 230/400 | 3P+N | 4 | A9L20601 | 30167 |
| iPRD40 | 230 | 1P | 1 | A9L40100 | 7911 |
| | 230 | 1P+N | 2 | A9L40500 | 15700 |
| | 230/400 | 3P | 3 | A9L40300 | 22536 |
| iPRD40r | 230/400 | 3P+N | 4 | A9L40600 | 31425 |
| | 230 | 1P | 1 | A9L40101 | 8857 |
| | 230 | 1P+N | 2 | A9L40501 | 20240 |
| iPRD65r | 230/400 | 3P | 3 | A9L40301 | 30328 |
| | 230/400 | 3P+N | 4 | A9L40601 | 37717 |
| | 230 | 1P | 1 | A9L65101 | 11841 |
| iPRD65r | 230 | 1P+N | 2 | A9L65501 | 25796 |
| | 230/400 | 3P | 3 | A9L65301 | 33662 |
| | 230/400 | 3P+N | 4 | A9L65601 | 43678 |

Spare Cartridges for iPRD



- Spare Cartridges for iPRD8r, iPRD20r, iPRD40r and iPRD65r
- End of life indication available on front face
- These Cartridges are not compatible with Old SPD range (A9L16...)**

| Type | Spare Cartridges for | Reference | Unit MRP [₹] |
|--------------|---------------------------|-----------|-----------------|
| iPRD 65-350 | iPRD65r | A9L65102 | 7561 |
| iPRD 40-350 | iPRD40, iPRD40r | A9L40102 | 6108 |
| iPRD 20-350 | iPRD20, iPRD20r | A9L20102 | 4662 |
| iPRD Neutral | All products (1P+N, 3P+N) | A9L00002 | 6243 |

**Spare Cartridges for Old SPD Range (A9L16...) are available on demand - please contact nearest Schneider Electric Sales Office or Customer Care for Reference and prices

Note: For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

iQuick PRD - Type 2 with inbuilt MCB



- Compact SPD with in-built back up MCB - saving on space, MCB selection, wiring time
- Compliance to EN 61643-11
- Withdrawable Type - Cost Efficient - Allows damaged Cartridges to be replaced without having to replace entire SPD
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available
- Incoming Protection: iQuick PRD 40r (High Risk level) and iQuick PRD 20r (Moderate Risk level)
- Secondary Protection: iQuick PRD 8r is cascade mounted with incoming surge arresters

| Type | Pole Description | Module Width 18mm/module | Reference | Unit MRP [₹] |
|----------------|------------------|-----------------------------|-----------|-----------------|
| iQuick PRD 8r | 1P+N | 4 | A9L16298 | 16330 |
| | 3P | 6.5 | A9L16299 | 24488 |
| | 3P+N | 7.5 | A9L16300 | 30471 |
| iQuick PRD 20r | 1P+N | 4 | A9L16295 | 18670 |
| | 3P | 6.5 | A9L16296 | 29397 |
| | 3P+N | 7.5 | A9L16297 | 36566 |
| Quick PRD 40r | 1P+N | 4 | A9L16292 | 23352 |
| | 3P | 6.5 | A9L16293 | 34985 |
| | 3P+N | 7.5 | A9L16294 | 43478 |

Note: Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

Photovoltaic Surge Arresters



- Protection for photovoltaic panels and the DC input to the inverter from overvoltages due to a lightning strike
- Type 2 surge arresters
- Should be installed in switchboard inside the building. If switchboard is located outside, it must be weatherproof
- Withdrawable surge arrester allows damaged Cartridges to be replaced quickly
- Inbuilt SPD Health Indicator on front face of device; Remote signaling functionality also available

| Type | U (cpv) Maximum Operating Voltage (V) | Module Width 18mm/module | Reference | Unit MRP [₹] |
|----------|---------------------------------------|-----------------------------|-----------|-----------------|
| iPRD 40r | 800 | 3 | A9L40271 | 12416 |
| | 1000 | 3 | A9L40281 | 15198 |

Note: Spare / Replacement Cartridges available - For Reference and prices contact nearest sales office or customer care

Surge Arresters for Communication Networks



- Analogue telephone line protection: iPRC surge arrester wired in series to the private installation input, protects the telephones, the modems (including ADSL) etc
- Protection for 2 low-current lines without common potential or 4 lines with common reference potential
- iPRI protects measuring instrument and PLC sensor inputs and the DC power supply inputs up to 53 V and AC power supply inputs up to 37 V

| Type | [Ue] Operational Voltage (V) | Module Width 18mm/module | Reference | Unit MRP [₹] |
|------|------------------------------|-----------------------------|-----------|-----------------|
| PRI | 48 V DC | 1 | A9L16339 | 22589 |
| PRC | 130 V AC | 1 | A9L16337 | 13543 |

Note: For all above Reference MOQ = 1

Isolator - xSW



- Complies to IEC/EN 60947-3
- Switching duty: AC-22
- Impulse voltage: 6kV
- DC application: 48V (110V with 2 poles in series)
- Short circuit withstand 20 In for 1 second
- Upto 80A Bi connect terminals & 100A to 125A with mono connect terminals

| Poles Description | [In] Rated Current (A) | Module Width 18mm/module | MOQ | Reference | Unit MRP [₹] |
|-------------------|------------------------|-----------------------------|-----|-----------|-----------------|
| 2 | 40 | 2 | 6 | A9S2P040 | 906 |
| | 63 | 2 | 6 | A9S2P063 | 1197 |
| 3 | 40 | 3 | 4 | A9S3P040 | 1583 |
| | 63 | 3 | 4 | A9S3P063 | 1854 |
| 4 | 40 | 4 | 3 | A9S4P040 | 2004 |
| | 63 | 4 | 3 | A9S4P063 | 2182 |
| | 80 | 4 | 3 | A9S4P080 | 2702 |
| | 100 | 4 | 3 | A9S4P100 | 3650 |
| | 125 | 4 | 3 | A9S4P125 | 4034 |

Selector Switch - iSSW



- Complies to IEC 60947-5-1 and IEC 60669-1
- Rating 20A, 250V AC
- Electrical life (AC22): 30,000 cycles
- Connection: tunnel terminals cables up to 10 sq. mm

| No. of positions | Poles Description | Contacts | Module Width 18mm/module | MOQ | Reference | Unit MRP [₹] |
|------------------|-------------------|-----------|-----------------------------|-----|-----------|-----------------|
| 2 | 1 | 1 C/O | 1 | 12 | A9E18070 | 1938 |
| | 2 | 2 C/O | 2 | 6 | A9E18071 | 2665 |
| | 2 | 1NO + 1NC | 1 | 12 | A9E18072 | 1553 |
| 3 | 1 | 1 C/O | 1 | 12 | A9E18073 | 1779 |
| | 2 | 2 C/O | 2 | 6 | A9E18074 | 3215 |

iRO Buzzers



- Audible indication in housing and the tertiary sector
- Sound level of 70dBA at a distance of 60cm

| Voltage | Module Width 18mm/module | Reference | Unit MRP [₹] |
|---------|-----------------------------|-----------|-----------------|
| 230V AC | 1 | A9A15322 | 2407 |

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

ICT Contactors



Suitable for
ComReady
Auxiliary

- Complies with standards IEC 1095, E N 61095
- 4 operating modes switch on front face :
 - Automatic mode
 - Temporary "ON" mode
 - Permanent "ON" mode
 - Shutdown
- Mechanical contact position Indicator
- Safe installation maintenance: lock the contactor in ON position
- Silent operation (20dB) for entire range

| Type | Rating (A) | No. of Contacts | Module Width 18mm/module | Reference | Unit MRP [₹] |
|------|------------|-----------------|-----------------------------|-----------|-----------------|
| 1P | 25 | 1NO | 1 | A9C20731 | 2856 |
| | 16 | 2NO | 1 | A9C22712 | 2940 |
| 2P | 25 | 2NO | 1 | A9C20732 | 3515 |
| | 40 | 2NO | 2 | A9C20842 | 7163 |
| | 63 | 2NO | 2 | A9C20862 | 7683 |
| 3P | 25 | 3NO | 2 | A9C20833 | 4529 |
| | 40 | 3NO | 2 | A9C20843 | 10055 |
| | 63 | 3NO | 3 | A9C20863 | 10927 |
| 4P | 25 | 4NO | 2 | A9C20834 | 4743 |
| | 40 | 4NO | 2 | A9C20844 | 11711 |
| | 63 | 4NO | 3 | A9C20864 | 12355 |
| | 63 | 2NO + 2NC | 3 | A9C20868 | 13763 |

Note: 100A Contactor in 2P / 4P - available on request

iTL Impulse Relays



Suitable for
ComReady
Auxiliary

- Complies with standards IEC/EN 60669-2-2
- Safe maintenance: disconnection of remote control by selector switch
- Manual Controls on front face: 0-I toggle
- Mechanical contact position Indicator
- Maximum 5 operations/min. and 100 switching operations/day
- Degree of pollution: 3 (suitable for industrial environment)

| Type | Rating (A) | Control Voltage | No. of Contacts | Module Width | Reference | Unit MRP [₹] |
|------|------------|-----------------|-----------------|--------------|-------------------------|-----------------|
| 1P | 16 | 230-240 VAC | 1NO | 1 | A9C30811 | 1852 |
| | 32 | 230-240 VAC | 1NO | 1 | A9C30831 | 2331 |
| 2P | 16 | 230-240 VAC | 2NO | 1 | A9C30812 | 3037 |
| | 32 | 230-240 VAC | 2NO | 1 | A9C30831 + A9C32836 | 6882 |
| 3P | 16 | 230-240 VAC | 1NO+1NO/NC+1NO | 2 | A9C30811 + A9C32816 | 5503 |
| | 32 | 230-240 VAC | 1NO+1NO/NC+1NO | 2 | A9C30831 + 2 x A9C32836 | 11433 |
| 4P | 16 | 230-240 VAC | 4NO | 2 | A9C30814 | 5871 |
| | 32 | 230-240 VAC | 4NO | 2 | A9C30831 + 3 x A9C32836 | 15984 |

iIL Indicator Lights



- Complies with standard IEC 60947-5-1
- Indicator light with LED technology
- Service life 100,000 hours with constant luminous efficiency

| Type | Colour | Module Width 18mm/module | Reference | Unit MRP [₹] |
|--------------------------------|-------------|-----------------------------|-----------|-----------------|
| Single Indicator light | Red | 1 | A9E18320 | 1915 |
| | Green | 1 | A9E18321 | 1915 |
| | Blue | 1 | A9E18323 | 1915 |
| | Orange | 1 | A9E18324 | 1915 |
| 3 phase voltage presence light | Red/Red/Red | 1 | A9E18327 | 5532 |
| Single Push Button (1 NO+ 1NC) | Grey | 1 | A9E18033 | 2579 |

Note: For all above Reference MOQ = 1

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Communication Auxiliaries



Auxiliary for Protection Devices (OF+SD24) Auxiliary for Contactors (iACT24) Auxiliary for Impulse Relays (iATL24)

| Description | Module Width | Reference | Unit MRP [₹] |
|-------------|--------------|-----------|--------------|
| OF+SD24 | 0.5 | A9N26899 | 3879 |
| iACT24 | 1 | A9C15924 | 17842 |
| iATL24 | 1 | A9C15424 | 18787 |

Acti 9

| Description | Reference | Pack | Unit MRP [₹] |
|--|-----------|------|--------------|
| Distribloc 63A | | | |
| Distribution from the top (4 Module) | 04040 | 1 | 15571 |
| Distribution through the bottom (4 Module) | 04041 | 1 | 15571 |

Reflex iC60 - Integrated Control & Overcurrent Protection Device



- All in One Solution: MCB + Contactor + Impulse Relay + Auxiliary
- 10kA Breaking capacity as per IEC/EN 60947-2,
- Ti24 interface: Connection to PLC, Smartlink
- 3 operating modes to cater to a variety of applications
- Safe lock down with Integrated Padlocking
- Simplified maintenance: Front face Indicator allows better reliability

| [In] Rated Current (A) | 2 Pole Reference | Unit MRP [₹] | 3 Pole Reference | Unit MRP [₹] | 4 Pole Reference | Unit MRP [₹] |
|------------------------|------------------|--------------|------------------|--------------|------------------|--------------|
| Module Width ** | 4.5 mod | | 5.5 mod | | 6.5 mod | |
| B Curve | | | | | | |
| 10 | A9C61210 | 49082 | - | - | A9C61410 | 58849 |
| 16 | A9C61216 | 49076 | - | - | - | - |
| 25 | - | - | A9C61325 | 51257 | - | - |
| 40 | - | - | A9C61340 | 54818 | - | - |
| C Curve | | | | | | |
| 10 | A9C62210 | 52114 | A9C62310 | 52825 | A9C62410 | 56074 |
| 16 | A9C62216 | 52114 | A9C62316 | 53887 | A9C62416 | 56074 |
| 25 | A9C62225 | 49626 | A9C62325 | 52825 | A9C62425 | 56074 |
| 40 | A9C62240 | 52268 | A9C62340 | 54844 | A9C62440 | 61304 |
| 63 | - | - | A9C62363 | 56954 | A9C62463 | 62899 |
| D Curve | | | | | | |
| 25 | - | - | - | - | A9C63425 | 58327 |

Note: **18mm/module

Please contact Customer Care Center for Stockable and Non stockable status of references.

NORMAL STOCK ITEMS

W.E.F. January 17th, 2024

Life Is On

Schneider
Electric

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