

Life Is On

Schneider
Electric

 Price List

Industrial Automation Products

With effect from January 18th, 2019

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ABL2 - With CE Marking only

Input Voltage	Output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP (₹)
In W					
180 - 264 VAC	24 V	1.5 A	35 W	ABL2REM24015K	1700
	24 V	2.2 A	50 W	ABL2REM24020K ☒	1850
	24 V	4.2 A	100 W	ABL2REM24045K ☒	3150
	24 V	6.5 A	150 W	ABL2REM24065K ☒	3800
	24 V	8.3 A	200 W	ABL2REM24085K	4800
	24 V	10.5 A	250 W	ABL2REM24100K ☒	5700
	24 V	14.6 A	350 W	ABL2REM24150K ☒	9400

ABL1 - Dedicated Range

Input Voltage	output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP (₹)
Without Anti-Harmonic Filter					
100...240 V AC	12 V DC	5 A	60 W	ABL1REM12050	3420
	24 V DC	2.5 A	60 W	ABL1REM24025	3225
		4.2 A	100 W	ABL1REM24042	4430
100...120 V AC	24 V DC	6.2 A	150 W	ABL1REM24062	5180
		10 A	240 W	ABL1REM24100	8670
With Anti-Harmonic Filter					
100...240 V AC	12 V DC	8.3 A	100 W	ABL1RPM12083	5075
	24 V DC	4.2 A	100 W	ABL1RPM24042	5145
100...120 V AC	24 V DC	6.2 A	150 W	ABL1RPM24062	6770
		10 A	240 W	ABL1RPM24100	10200

ABL8 Ranges

Input Voltage	output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP (₹)
Modular Range (without PFC, Automatic Reset)					
100...240 V AC	5 V DC	4 A	20 W	ABL8MEM05040	7010
	12 V DC	2 A	25 W	ABL8MEM12020	6210
Optimum Range (without PFC, Automatic or Manual Reset)					
100...240 V AC	24 V	3 A	72 W	ABL8REM24030	8050
	24 V	5 A	120 W	ABL8REM24050 ☒	12100
Universal Range (with PFC, Boost function, Diagnosis Contact, Automatic or Manual Reset)					
100...120 V single phase 200...500 V 2 phase	24 V	3 A	72 W	ABL8RPS24030	10600
	24 V	5 A	120 W	ABL8RPS24050	14300
	24 V	10 A	240 W	ABL8RPS24100	17250
100...120 V single phase 200...240 V	24 V	20 A	480 W	ABL8RPM24200 ☒	22450
380...500 V three phase	24 V	20 A	480 W	ABL8WPS24200	24500
	24 V	40 A	960 W	ABL8WPS24400	42950

Accessories

Description	Reference	Unit LP (₹)
ABL 1		
reversible mounting bracket - for regulated switch mode	ABL1A01	385
mounting plate for 35 mm rail - for regulated switch mode	ABL1A02	385
Note: To be ordered in lot of 5.		
ABL 8 - Universal Range Accessories		
Battery Back-up module 20A	ABL8BBU24200	20700
Battery Back-up module 40A	ABL8BBU24400	27750
Battery pack 7 Ah	ABL8BPK24A07	14800
Buffer module 40A	ABL8BUF24400	19720
Protection module with two pole breaking	ABL8PRP24100	17250
Redundancy Module	ABL8RED24400	13100
Protection module with single pole breaking	ABL8PRE24100	12000

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

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ABT7 - Economy Range (Single Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP [₹]
Single phase 230V 40VA - 400VA 40° C				
230 V AC single phase ±15 V	24 V AC	40	ABT7ESM004B	6470
230 V AC single phase ±15 V	24 V AC	63	ABT7ESM006B	4700
230 V AC single phase ±15 V	24 V AC	100	ABT7ESM010B	5200
230 V AC single phase ±15 V	24 V AC	160	ABT7ESM016B	6630
230 V AC single phase ±15 V	24 V AC	250	ABT7ESM025B	8560
230 V AC single phase ±15 V	24 V AC	320	ABT7ESM032B	10600
230 V AC single phase ±15 V	24 V AC	400	ABT7ESM040B	11000

ABL6 - Optimum Range (Single Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP [₹]
Single phase 230/400V 25VA - 2500VA 50° C				
230/400 V single phase ±15 V	24 V AC	25	ABL6TS02B	5950
230/400 V single phase ±15 V	24 V AC	40	ABL6TS04B	6050
230/400 V single phase ±15 V	24 V AC	63	ABL6TS06B	6100
230/400 V single phase ±15 V	24 V AC	100	ABL6TS10B	6900
230/400 V single phase ±15 V	24 V AC	160	ABL6TS16B	7850
230/400 V single phase ±15 V	24 V AC	250	ABL6TS25B	9700
230/400 V single phase ±15 V	24 V AC	400	ABL6TS40B	15650
230/400 V single phase ±15 V	24 V AC	630	ABL6TS63B	20100
230/400 V single phase ±15 V	24 V AC	1000	ABL6TS100B	26700
230/400 V single phase ±15 V	24 V AC	1600	ABL6TS160B	54500
230/400 V single phase ±15 V	24 V AC	2500	ABL6TS250B	89300
230/400 V single phase ±15 V	115 V AC	25	ABL6TS02G	5880
230/400 V single phase ±15 V	115 V AC	40	ABL6TS04G	6050
230/400 V single phase ±15 V	115 V AC	63	ABL6TS06G	6170
230/400 V single phase ±15 V	115 V AC	100	ABL6TS10G	6550
230/400 V single phase ±15 V	115 V AC	160	ABL6TS16G	8100
230/400 V single phase ±15 V	115 V AC	250	ABL6TS25G	9700
230/400 V single phase ±15 V	115 V AC	400	ABL6TS40G	15650
230/400 V single phase ±15 V	115 V AC	630	ABL6TS63G	21000
230/400 V single phase ±15 V	115 V AC	1000	ABL6TS100G	25500
230/400 V single phase ±15 V	115 V AC	1600	ABL6TS160G	40500
230/400 V single phase ±15 V	115 V AC	2500	ABL6TS250G	69400
230/400 V single phase ±15 V	230 V AC	25	ABL6TS02U	6050
230/400 V single phase ±15 V	230 V AC	40	ABL6TS04U	5960
230/400 V single phase ±15 V	230 V AC	63	ABL6TS06U	6165
230/400 V single phase ±15 V	230 V AC	100	ABL6TS10U	6500
230/400 V single phase ±15 V	230 V AC	160	ABL6TS16U	8100
230/400 V single phase ±15 V	230 V AC	250	ABL6TS25U	9700
230/400 V single phase ±15 V	230 V AC	400	ABL6TS40U	15150
230/400 V single phase ±15 V	230 V AC	630	ABL6TS63U	19300
230/400 V single phase ±15 V	230 V AC	1000	ABL6TS100U 	26800
230/400 V single phase ±15 V	230 V AC	1600	ABL6TS160U	38500
230/400 V single phase ±15 V	230 V AC	2500	ABL6TS250U	66900

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ABT7 - Universal Range (Double Winding)

Input Voltage	Output Voltage	Rated Power in VA	Reference	Unit LP [₹]
Single phase 230/400V 25VA - 2500VA 60° C				
230/400 V single phase ±15 V	24/48 V AC	40	ABT7PDU004B	6650
230/400 V single phase ±15 V	24/48 V AC	63	ABT7PDU006B	7000
230/400 V single phase ±15 V	24/48 V AC	250	ABT7PDU025B	12500
230/400 V single phase ±15 V	24/48 V AC	400	ABT7PDU040B	14800
230/400 V single phase ±15 V	24/48 V AC	630	ABT7PDU063B	23000
230/400 V single phase ±15 V	115/230 V AC	25	ABT7PDU002G	6500
230/400 V single phase ±15 V	115/230 V AC	40	ABT7PDU004G	6700
230/400 V single phase ±15 V	115/230 V AC	63	ABT7PDU006G	7050
230/400 V single phase ±15 V	115/230 V AC	100	ABT7PDU010G	7800
230/400 V single phase ±15 V	115/230 V AC	160	ABT7PDU016G	9350
230/400 V single phase ±15 V	115/230 V AC	250	ABT7PDU025G	12050
230/400 V single phase ±15 V	115/230 V AC	400	ABT7PDU040G	14250
230/400 V single phase ±15 V	115/230 V AC	630	ABT7PDU063G	23000
230/400 V single phase ±15 V	115/230 V AC	1000	ABT7PDU100G	27700
230/400 V single phase ±15 V	115/230 V AC	1600	ABT7PDU160G	45300
230/400 V single phase ±15 V	115/230 V AC	2500	ABT7PDU250G	66100
230/400 V single phase ±15 V	115/230 V AC	25	ABT7PDU002B	8150
230/400 V single phase ±15 V	115/230 V AC	100	ABT7PDU010B	7800
230/400 V single phase ±15 V	115/230 V AC	160	ABT7PDU016B	10800
230/400 V single phase ±15 V	115/230 V AC	1000	ABT7PDU100B	30000
230/400 V single phase ±15 V	115/230 V AC	1600	ABT7PDU160B	49600
230/400 V single phase ±15 V	115/230 V AC	2500	ABT7PDU250B	73150

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General Purpose Drives

Altivar12 Drive: 1-Phase / 3-Phase 230 Volts Input & 3-Phase 230 Volts Output Drive



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

kW	HP Rating	Max. continuous current(A)	Reference	Unit LP [₹]
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

Altivar310 Drive: 3-Phase 440 Volts Input & 3-Phase 440 Volts Output Drive



- 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

kW	HP Rating	Max. continuous current(A)	Reference	Unit LP [₹]
Three phase-Supply Voltage: 380...460V				
0.37	0.5	1.5	ATV310H037N4E	On Request
0.75	1	2.3	ATV310H075N4E	On Request
1.5	2	4.1	ATV310HU15N4E	On Request
2.2	3	5.5	ATV310HU22N4E	On Request
3	4	7.1	ATV310HU30N4E	On Request
4	5	9.5	ATV310HU40N4E	On Request
5.5	7.5	12.6	ATV310HU55N4E	On Request
7.5	10	17	ATV310HU75N4E	On Request
11	15	24	ATV310HD11N4E	On Request

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Altivar610 Drive: Drives for pumps and fans from 0.75 to 160 kW



- Compact size: simplicity of integration and reduction of the size of the enclosures
- Electronic cards with protective coating
- Operation temperature: -10...+45°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

kW		Max. continuous current(A)		Reference	Unit LP [₹]
ND	HD	ND	HD		
Three phase-Supply Voltage: 380...415V					
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

Altivar212 Drive: 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

kW	Max. continuous current(A)	Reference	Unit LP [₹]
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.

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Machine Drives

Altivar320 drive: Drives for synchronous and asynchronous motors from 0.18 to 15 kW (0.25 to 20 Hp)



- Cost Saving: Optimized Space and Time
- Solution Oriented: ATV Logic, Ready for automation integration
- Numerous dedicated application functions
- 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 LP (₹)
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
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

Note: Reference ending with B are BOOK type & Reference ending with C are COMPACT type.

Altivar340 drive: Drives with innovative variable speed drives for high-performance machines upto 75kW



- High-speed native multi-Ethernet connectivity – real-time communication
- 1 ms application cycle time
- Bringing the Industrial Internet of Things (IIoTs) to the application level
- Reduced requirement for additional devices thanks to rich interfaces, I/Os, and PTIs/PTOs, and an embedded encoder
- Simple application functions: master-slave, positioning mode, and other numerous application functions
- FDT/DTM technology ensures the interoperability and user-friendliness of the ATV340 in architectures
- Operable in temperatures up to 60°C
- Robust design (3C3) to withstand high levels of dust and vibration

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

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

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Process Drives

Altivar 71 drive: Drives for three -phase motors from 0.37kW to 500kW



- Integrated Macro-configurations designed for more than 150 application functions
- Speed and torque precision, Full torque at 0 speed
- Machine standard EN 954-1 category 3
- Electrical installations standard IEC/EN 61508-1 SIL2
- Integrated Modbus & CANopen
- DC braking unit integrated up to 160kw

kW	Max. continuous current(A)	Reference	Unit LP [₹]
Three phase-Supply Voltage: 380...480V			
0.75	2.1	ATV71H075N4Z*	On Request
1.5	3.4	ATV71HU15N4Z*	On Request
2.2	4.8	ATV71HU22N4Z*	On Request
3	6.2	ATV71HU30N4Z*	On Request
4	7.6	ATV71HU40N4Z*	On Request
5.5	11	ATV71HU55N4Z*	On Request
7.5	14	ATV71HU75N4Z*	On Request
11	21	ATV71HD11N4Z*	On Request
15	27	ATV71HD15N4Z*	On Request
18.5	34	ATV71HD18N4Z*	On Request
22	40	ATV71HD22N4Z*	On Request
30	52	ATV71HD30N4Z*	On Request
37	65	ATV71HD37N4Z*	On Request
45	77	ATV71HD45N4Z*	On Request
55	96	ATV71HD55N4Z*	On Request
75	124	ATV71HD75N4Z*	On Request
90	179	ATV71HD90N4D**	On Request
110	215	ATV71HC11N4D**	On Request
132	259	ATV71HC13N4D**	On Request
160	314	ATV71HC16N4D**	On Request
200	387	ATV71HC20N4D**	On Request
250	481	ATV71HC25N4D**	On Request
280	550	ATV71HC28N4D**	On Request
315	616	ATV71HC31N4D**	On Request
400	759	ATV71HC40N4D**	On Request
500	941	ATV71HC50N4D**	On Request

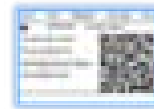
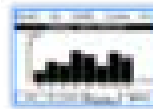
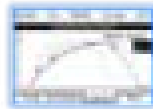
Note: * ATV71H***N4Z: Reference with 7-segment display, for Graphical display order reference ATV71H***N4

** ATV71H***N4D: Reference without DC choke.

Altivar 630: 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



kW		Max. continuous current (A)		Reference	Unit LP [₹]
ND	HD	ND	HD		
Three phase-Supply Voltage: 380...480V					
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

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Altivar 930: 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



kW		Max. continuous current (A)		Reference	Unit LP [₹]
ND	HD	ND	HD		
Three phase-Supply Voltage: 380...480V					
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
132	110	250	211	ATV930C13N4C*	On Request
160	132	302	250	ATV930C16N4C*	On Request
220	160	427	302	ATV930C22N4C*	On Request
250	200	481	387	ATV930C25N4C*	On Request
315	250	616	481	ATV930C31N4C*	On Request

*Reference ending with 'C' is without braking unit

Cabinet Drives are also available upto 800kW, Please contact Schneider Sales for more information.

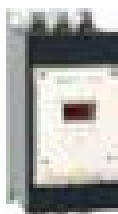
Soft Starter

ATS01 Soft Start – Soft Stop Unit



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

ATS22 Soft Starter: Soft Starter for Utilities i.e. Pump & fan



- Embedded shorting contactor
- Size reduction: average of 25% less compare to ATS48 alone (without additional by-pass)
- Digital adjustments, new HMI
- Easy start-up menu, Modbus embedded
- Full starter and motor protections
- True three phases control
- Wide power range
- Modbus Inbuilt
- QR code feature in built to get documents access on line and register service request directly from QR code.

kW (400 V)	Max. continuous current(A)	Reference	Unit LP [₹]
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 18th, 2019

ATS22 Soft Starter: Soft Starter for Utilities i.e. Pump & fan



- Starting and stopping of the machine by the Altistart 48 torque control system (TCS patent: Torque Control System)
- Thermal protection of the motor
- Protection of the machine: under load and overload with adjustable threshold and times, locked rotor, control of the direction of rotation
- Factory set for immediate start-up
- Control of starter bypass contactor to prevent heat dissipation
- Numerous configurable inputs/outputs
- Cascaded starting and deceleration of a number of motors
- Modbus Integrated

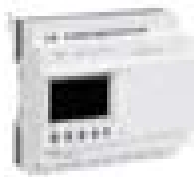
Altistart 48 offers you the benefits of its patented Torque Control System (TCS). Ready for immediate start-up, with simplified wiring and extended communication functions, it can be integrated at the heart of your applications in complete simplicity

For STD Application kW (400V)	For Severe Application kW (400V)	For STD Application Nominal Current (Amps)	For Severe Application Nominal Current (Amps)	Reference	Unit LP [₹]
Three phase-Supply Voltage: 230V...415V					
7.5	5.5	14.8	14.8	ATS48D17Q	On Request
11	7.5	21	21	ATS48D22Q	On Request
15	11	29	28.5	ATS48D32Q	On Request
19	15	35	35	ATS48D38Q	On Request
22	18.5	42	42	ATS48D47Q	On Request
30	22	57	57	ATS48D62Q	On Request
37	30	69	69	ATS48D75Q	On Request
45	37	81	81	ATS48D88Q	On Request
55	45	100	100	ATS48C11Q	On Request
75	55	131	131	ATS48C14Q	On Request
90	75	162	162	ATS48C17Q	On Request
110	90	195	195	ATS48C21Q	On Request
132	110	233	233	ATS48C25Q	On Request
160	132	285	285	ATS48C32Q	On Request
220	160	388	388	ATS48C41Q	On Request
250	220	437	437	ATS48C48Q	On Request
315	250	560	560	ATS48C59Q	On Request
355	315	605	605	ATS48C66Q	On Request
400	355	675	675	ATS48C79Q	On Request
500	400	855	855	ATS48M10Q	On Request
630	500	1045	1045	ATS48M12Q	On Request

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

☒ NORMAL STOCK ITEMS

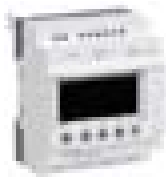
W.E.F. January 18th, 2019



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 LP (₹)
Voltage 24V DC		
Zelio Logic module - 10 I O, RLY - w/o clock - with display	SR2A101BD ☒	11150
Zelio Logic module - 20 I O, RLY - w/o clock - with display	SR2A201BD ☒	18300
Zelio Logic module - 12 I O, TRN - with clock - with display	SR2B121BD ☒	10200
Zelio Logic module - 12 I O, TRN - with clock - with display	SR2B122BD	15300
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B201BD ☒	20250
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B202BD	21100
Zelio Logic module - 10 I O, RLY - w/o clock - w/o display	SR2D101BD ☒	6800
Zelio Logic module - 20 I O, RLY - w/o clock - w/o display	SR2D201BD ☒	16350
Zelio Logic module - 12 I O, RLY - with clock - w/o display	SR2E121BD	10500
Zelio Logic module - 20 I O, RLY - with clock - w/o display	SR2E201BD	19600
Zelio Logic module - 10 I O, RLY - with clock - with display	SR3B101BD	12300
Zelio Logic module - 10 I O, TRN - with clock - with display	SR3B102BD	11350
Zelio Logic module - 26 I O, RLY - with clock - with display	SR3B261BD ☒	25900
Zelio Logic module - 26 I O, TRN - with clock - with display	SR3B262BD	25600
Voltage 100-240V AC		
Zelio Logic module - 10 I O, RLY - w/o clock - with display	SR2A101FU ☒	12650
Zelio Logic module - 20 I O, RLY - w/o clock - with display	SR2A201FU ☒	18750
Zelio Logic module - 12 I O, RLY - with clock - with display	SR2B121FU ☒	12550
Zelio Logic module - 20 I O, RLY - with clock - with display	SR2B201FU ☒	21000
Zelio Logic module - 10 I O, RLY - w/o clock - w/o display	SR2D101FU	9000
Zelio Logic module - 20 I O, RLY - w/o clock - w/o display	SR2D201FU	19100
Zelio Logic module - 12 I O, RLY - with clock - w/o display	SR2E121FU	11500
Zelio Logic module - 20 I O, RLY - with clock - w/o display	SR2E201FU	21650
Zelio Logic module - 10 I O, RLY - with clock - with display	SR3B101FU	13850
Zelio Logic module - 26 I O, RLY - with clock - with display	SR3B261FU ☒	26500
Voltage 12V DC		
Zelio Logic module - 12 I O - with clock - with display	SR2B121JD	13100
Zelio Logic module - 20 I O - with clock - with display	SR2B201JD	16650
Voltage 24V AC		
Zelio Logic module - 12 I O - with clock - with display	SR2B121B	13100
Zelio Logic module - 20 I O - with clock - with display	SR2B201B	25050
Zelio Logic module - 20 I O - with clock - w/o display	SR2E201B	19900
Zelio Logic module - 10 I O - with clock - with display	SR3B101B	13900
Zelio Logic module - 24 I O - with clock - with display	SR3B261B	27900

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



I/O Extension module

I/O Extension modules

Description	Reference	Unit LP [₹]
discrete I/O extension module - 6 I O 4DI, 2DO - 24 V DC	SR3XT61BD	5360
discrete I/O extension module - 6 I O 4DI, 2DO	SR3XT61FU	5550
discrete I/O extension module - 10 I O 6DI, 4DO - 24 V DC	SR3XT101BD ☒	5550
discrete I/O extension module - 10 I O 6DI, 4DO	SR3XT101FU	6960
discrete I/O extension module - 14 I O 8DI, 6DO - 24 V AC	SR3XT141B	9500
discrete I/O extension module - 14 I O 8DI, 6DO - 24 V DC	SR3XT141BD ☒	7650
discrete I/O extension module - 14 I O 8DI, 6DO	SR3XT141FU	8150
Analogue I/O extension module - 2 AI/ 2AO	SR3XT43BD	12650

Accessories

Description	Reference	Unit LP [₹]
SUB-D 9-pin PC connecting cable - 3 m	SR2CBL01 ☒	3500
SUB-D 9-pin modem connecting cable - 0.5 m	SR2CBL07 ☒	8050
communication interface	SR2COM01	11600
documentation - programming on the smart relay - EN	SR2MAN01EN	1900
memory cartridge firmware - up to v 2.4 - EEPROM	SR2MEM01 ☒	1550
memory cartridge firmware - for v 3.0 - EEPROM	SR2MEM02 ☒	1850
modem interface - analog PSTN	SR2MOD01	50200
modem interface - GSM	SR2MOD02	42600
programming software "Zelio Soft 2" multilingual - CD-ROM	SR2SFT01	1900
USB PC connecting cable - 3 m	SR2USB01 ☒	9900

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019



- 10 A relays with 1 C/O contact and 5 A relays with 2 C/O contacts.
- Sockets with separate contact terminals, screw connector connection and built-in plastic maintaining clamp, 35mm DIN rail mounting and Panel mounting.
- Optional modules for additional protection

RXG Interface Relays NEW

Product description	Reference	Unit LP [₹]
1CO 10A Relay +LTB-LED 24VAC	RXG11B7	530
1CO 10A Relay +LTB-LED 48VAC	RXG11E7	541
1CO 10A Relay +LTB-LED 120VAC	RXG11F7	541
1CO 10A Relay +LTB-LED 220VAC	RXG11M7	541
1CO 10A Relay +LTB-LED 230VAC	RXG11P7	530
1CO 10A Relay +LTB-LED 6VDC	RXG11RD	436
1CO 10A Relay +LTB-LED 12VDC	RXG11JD	436
1CO 10A Relay +LTB-LED 24VDC	RXG11BD	426
1CO 10A Relay +LTB-LED 48VDC	RXG11ED	436
1CO 10A Relay +LTB-LED 60VDC	RXG11ND	436
1CO 10A Relay +LTB-LED 110VDC	RXG11FD	436
1CO 10A Relay +LTB+LED 24VAC	RXG12B7	587
1CO 10A Relay +LTB+LED 48VAC	RXG12E7	587
1CO 10A Relay +LTB+LED 120VAC	RXG12F7	587
1CO 10A Relay +LTB+LED 220VAC	RXG12M7	587
1CO 10A Relay +LTB+LED 230VAC	RXG12P7	587
1CO 10A Relay +LTB+LED 6VDC	RXG12RD	480
1CO 10A Relay +LTB+LED 12VDC	RXG12JD	480
1CO 10A Relay +LTB+LED 24VDC	RXG12BD	480
1CO 10A Relay +LTB+LED 48VDC	RXG12ED	480
1CO 10A Relay +LTB+LED 60VDC	RXG12ND	480
1CO 10A Relay +LTB+LED 110VDC	RXG12FD	480
1CO 10A Relay-LTB+LED 24VAC	RXG13B7	564
1CO 10A Relay-LTB+LED 48VAC	RXG13E7	564
1CO 10A Relay-LTB+LED 120VAC	RXG13F7	564
1CO 10A Relay-LTB+LED 220VAC	RXG13M7	564
1CO 10A Relay-LTB+LED 230VAC	RXG13P7	564
1CO 10A Relay-LTB+LED 6VDC	RXG13RD	456
1CO 10A Relay-LTB+LED 12VDC	RXG13JD	456
1CO 10A Relay-LTB+LED 24VDC	RXG13BD	456
1CO 10A Relay-LTB+LED 48VDC	RXG13ED	456
1CO 10A Relay-LTB+LED 60VDC	RXG13ND	456
1CO 10A Relay-LTB+LED 110VDC	RXG13FD	456
1CO 10A Relay Clear 24VAC	RXG15B7	489
1CO 10A Relay Clear 48VAC	RXG15E7	489
1CO 10A Relay Clear 120VAC	RXG15F7	489
1CO 10A Relay Clear 220VAC	RXG15M7	489
1CO 10A Relay Clear 230VAC	RXG15P7	489
1CO 10A Relay Clear 6VDC	RXG15RD	381
1CO 10A Relay Clear 12VDC	RXG15JD	381
1CO 10A Relay Clear 24VDC	RXG15BD	381
1CO 10A Relay Clear 48VDC	RXG15ED	381
1CO 10A Relay Clear 60VDC	RXG15ND	381
1CO 10A Relay Clear 110VDC	RXG15FD	381
2CO 5A Relay +LTB-LED 24VAC	RXG21B7	582
2CO 5A Relay +LTB-LED 48VAC	RXG21E7	593
2CO 5A Relay +LTB-LED 120VAC	RXG21F7	593
2CO 5A Relay +LTB-LED 220VAC	RXG21M7	593

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

☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019



- 10 A relays with 1 C/O contact and 5 A relays with 2 C/O contacts.
- Sockets with separate contact terminals, screw connector connection and built-in plastic maintaining clamp, 35mm DIN rail mounting and Panel mounting.
- Optional modules for additional protection

RXG Interface Relays NEW

Product description	Reference	Unit LP [₹]
2CO 5A Relay +LTB-LED 230VAC	RXG21P7	582
2CO 5A Relay +LTB-LED 6VDC	RXG21RD	488
2CO 5A Relay +LTB-LED 12VDC	RXG21JD	488
2CO 5A Relay +LTB-LED 24VDC	RXG21BD	479
2CO 5A Relay +LTB-LED 48VDC	RXG21ED	488
2CO 5A Relay +LTB-LED 60VDC	RXG21ND	488
2CO 5A Relay +LTB-LED 110VDC	RXG21FD	488
2CO 5A Relay +LTB+LED 24VAC	RXG22B7	641
2CO 5A Relay +LTB+LED 48VAC	RXG22E7	641
2CO 5A Relay +LTB+LED 120VAC	RXG22F7	641
2CO 5A Relay +LTB+LED 220VAC	RXG22M7	641
2CO 5A Relay +LTB+LED 230VAC	RXG22P7	641
2CO 5A Relay +LTB+LED 6VDC	RXG22RD	533
2CO 5A Relay +LTB+LED 12VDC	RXG22JD	533
2CO 5A Relay +LTB+LED 24VDC	RXG22BD	533
2CO 5A Relay +LTB+LED 48VDC	RXG22ED	533
2CO 5A Relay +LTB+LED 60VDC	RXG22ND	533
2CO 5A Relay +LTB+LED 110VDC	RXG22FD	533
2CO 5A Relay-LTB+LED 24VAC	RXG23B7	616
2CO 5A Relay-LTB+LED 48VAC	RXG23E7	616
2CO 5A Relay-LTB+LED 120VAC	RXG23F7	616
2CO 5A Relay-LTB+LED 220VAC	RXG23M7	616
2CO 5A Relay-LTB+LED 230VAC	RXG23P7	616
2CO 5A Relay-LTB+LED 6VDC	RXG23RD	509
2CO 5A Relay-LTB+LED 12VDC	RXG23JD	509
2CO 5A Relay-LTB+LED 24VDC	RXG23BD	509
2CO 5A Relay-LTB+LED 48VDC	RXG23ED	509
2CO 5A Relay-LTB+LED 60VDC	RXG23ND	509
2CO 5A Relay-LTB+LED 110VDC	RXG23FD	509
2CO 5A Relay Clear 24VAC	RXG25B7	541
2CO 5A Relay Clear 48VAC	RXG25E7	541
2CO 5A Relay Clear 120VAC	RXG25F7	541
2CO 5A Relay Clear 220VAC	RXG25M7	541
2CO 5A Relay Clear 230VAC	RXG25P7	541
2CO 5A Relay Clear 6VDC	RXG25RD	433
2CO 5A Relay Clear 12VDC	RXG25JD	433
2CO 5A Relay Clear 24VDC	RXG25BD	433
2CO 5A Relay Clear 48VDC	RXG25ED	433
2CO 5A Relay Clear 60VDC	RXG25ND	433
2CO 5A Relay Clear 110VDC	RXG25FD	433
Accessories		
1CO Separate terminal socket with clamp	RGZE1S35M	261
2CO Separate terminal socket with clamp	RGZE1S48M	290
Plastic maintaining clamp for RGZ socket	RGZR215	27

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

☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019

RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP (₹)
Without Lockable Test Button without LED		
2 C/O - 5 AMPS		
12 V DC	RXM2LB1JD	364
24 V DC	RXM2LB1BD	339
48 V DC	RXM2LB1ED	384
24 V AC	RXM2LB1B7	353
120 V AC	RXM2LB1F7	353
230 V AC	RXM2LB1P7	346
4 C/O - 3 AMPS		
12 V DC	RXM4LB1JD	428
24 V DC	RXM4LB1BD	391
48 V DC	RXM4LB1ED	441
24 V AC	RXM4LB1B7	428
120 V AC	RXM4LB1F7	441
230 V AC	RXM4LB1P7	391
Without Lockable Test Button with LED		
2 C/O - 5 AMPS		
12 V DC	RXM2LB2JD	391
24 V DC	RXM2LB2BD 	364
48 V DC	RXM2LB2ED	391
24 V AC	RXM2LB2B7	391
120 V AC	RXM2LB2F7	391
230 V AC	RXM2LB2P7 	364
36 V DC	RXM2LB2CD	404
110 V DC	RXM2LB2FD	391
4 C/O - 3 AMPS		
12 V DC	RXM4LB2JD	441
24 V DC	RXM4LB2BD 	411
48 V DC	RXM4LB2ED	441
24 V AC	RXM4LB2B7	441
120 V AC	RXM4LB2F7	441
230 V AC	RXM4LB2P7 	411
36 V DC	RXM4LB2CD	454
110 V DC	RXM4LB2FD	441

Accessories

Description	Reference	Unit LP (₹)
Sockets		
Sockets - mixed-screw clamp - relay type RXM2 (without lockable test button)	RXZE1M2C 	166
Sockets - mixed-screw clamp - relay type RXM2/RXM4 (without lockable test button)	RXZE1M4C 	212

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

 **NORMAL STOCK ITEMS**W.E.F. January 18th, 2019

RXM*NB Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
Miniature Relays without Lockable Test-Button, with LED		
2 Change Over - 10 AMPS Contact Rating		
12 V DC	RXM2NB3JD	422
24 V DC	RXM2NB3BD	382
110 V DC	RXM2NB3FD	382
220 V DC	RXM2NB3MD	501
24 V AC	RXM2NB3B7	422
120 V AC	RXM2NB3F7	422
230 V AC	RXM2NB3P7	382
4 Change Over - 5 AMPS Contact Rating		
12 V DC	RXM4NB3JD	473
24 V DC	RXM4NB3BD	442
110 V DC	RXM4NB3FD	473
220 V DC	RXM4NB3MD	552
24 V AC	RXM4NB3B7	473
120 V AC	RXM4NB3F7	473
230 V AC	RXM4NB3P7	442

RXZ Miniature Relay Socket

Description	Reference	Unit LP [₹]
Accessories		
Sockets		
socket for miniature relay - for RXM2N - with mixed contacts - screw clamp	RXZE2M2N	176
socket for miniature relay - for RXM4N - with mixed contacts - screw clamp	RXZE2M4N	200

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
Without LED		
2 Change Over - 12 AMPS Contact Rating		
12 V DC	RXM2AB1JD	497
24 V AC	RXM2AB1B7	497
24 V DC	RXM2AB1BD 	479
48 V AC	RXM2AB1E7	497
48 V DC	RXM2AB1ED	497
110 V DC	RXM2AB1FD	512
120 V AC	RXM2AB1F7 	497
230 V AC	RXM2AB1P7 	479
3 Change Over - 10 AMPS Contact Rating		
12 V DC	RXM3AB1JD	678
24 V AC	RXM3AB1B7	755
24 V DC	RXM3AB1BD	677
48 V AC	RXM3AB1E7	851
48 V DC	RXM3AB1ED	861
110 V DC	RXM3AB1FD	861
120 V AC	RXM3AB1F7	697
230 V AC	RXM3AB1P7	697
4 Change Over - 6 AMPS Contact Rating		
12 V DC	RXM4AB1JD	608
24 V AC	RXM4AB1B7	608
24 V DC	RXM4AB1BD 	608
48 V AC	RXM4AB1E7	625
48 V DC	RXM4AB1ED	676
110 V DC	RXM4AB1FD	676
120 V AC	RXM4AB1F7 	608
220 V DC	RXM4AB1MD	676
230 V AC	RXM4AB1P7 	608
240 V AC	RXM4AB1U7	608
With LED		
2 Change Over - 12 AMPS Contact Rating		
12 V DC	RXM2AB2JD	519
24 V AC	RXM2AB2B7	516
24 V DC	RXM2AB2BD 	497
48 V AC	RXM2AB2E7	519
48 V DC	RXM2AB2ED	519
110 V DC	RXM2AB2FD	519
120 V AC	RXM2AB2F7 	519
230 V AC	RXM2AB2P7 	497
3 Change Over - 10 AMPS Contact Rating		
12 V DC	RXM3AB2JD	668
24 V AC	RXM3AB2B7	693
24 V DC	RXM3AB2BD	649
48 V AC	RXM3AB2E7	816
48 V DC	RXM3AB2ED	798
110 V DC	RXM3AB2FD	678
120 V AC	RXM3AB2F7	666
230 V AC	RXM3AB2P7	666
4 Change Over - 6 AMPS Contact Rating		
12 V DC	RXM4AB2JD	708
24 V AC	RXM4AB2B7	708
24 V DC	RXM4AB2BD 	673
48 V AC	RXM4AB2E7	708
48 V DC	RXM4AB2ED	708
110 V DC	RXM4AB2FD	708
120 V AC	RXM4AB2F7 	708
125 V DC	RXM4AB2GD	708
230 V AC	RXM4AB2P7 	673

RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
With Low Level Contact		
4 Change Over - 3 AMPS Contact Rating		
12 V DC	RXM4GB1JD	717
	RXM4GB2JD	761
24 V AC	RXM4GB1B7	717
	RXM4GB2B7	761
24 V DC	RXM4GB1BD	717
	RXM4GB2BD	740
48 V AC	RXM4GB1E7	717
	RXM4GB2E7	761
48 V DC	RXM4GB1ED	717
	RXM4GB2ED	761
110 V DC	RXM4GB1FD	717
	RXM4GB2FD	761
120 V AC	RXM4GB1F7	717
	RXM4GB2F7	761
230 V AC	RXM4GB2P7	761
	RXM4GB1P7	695
240 V AC	RXM4GB2U7	740

RXZ Miniature Relays

Description	Reference	Unit LP [₹]
Accessories		
Sockets		
Socket for miniature relay - Zelio RXZ - with mixed contacts - connectors	RXZE2M114M 	231
Socket for miniature relay - Zelio RXZ - with mixed contacts - screw clamp	RXZE2M114 	257
Socket for miniature relay - Zelio RXZ - with separate contacts - connectors	RXZE2S111M 	295
Protection Modules		
Diode		
Socket for miniature relay - Zelio RXZ - with mixed contacts - connectors	RXZE2M114M	231
Socket for miniature relay - Zelio RXZ - with mixed contacts - screw clamp	RXZE2M114	257
Socket for miniature relay - Zelio RXZ - with separate contacts - connectors	RXZE2S111M	295
	RXZE2S114M	316
Protection module - diode - 6..250V DC - for miniature relay socket RXZ	RXM040W	118
RC Circuit		
Protection module - RC circuit - 110..240 AC - for miniature relay socket RXZ	RXM041FU7	129
Protection module - RC circuit - 24..60 AC - for miniature relay socket RXZ	RXM041BN7	129
Varistor		
Protection module -Varistor - 24..60V AC/DC - for miniature relay socket RXZ	RXM021BN	153
Protection module -Varistor - 6..24V AC/DC - for miniature relay socket RXZ	RXM021RB	153
Protection module -Varistor -110..240 AC/DC - for miniature relay socket RXZ	RXM021FP	144
Clips and Legends		
Clip-in legends-for Sockets having separate contact	RXZL420	18
Clip-in legends - for Zelio relay - set of 10	RXZL520	225
Metal maintaining clamp - for miniature relay socket RXZ	RXZ400	42
Mounting adaptor for DIN rail - for miniature relay socket RXZ	RXZE2DA	61
Mounting adaptor with fixing lugs for panel - for miniature relay socket RXZ	RXZE2FA	61
Plastic maintaining clamp - for miniature relay socket RXZ	RXZR335	40

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

 **NORMAL STOCK ITEMS**W.E.F. January 18th, 2019

RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
Without LED		
1 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM11JD	916
24 V AC	RPM11B7	916
24 V DC	RPM11BD	910
48 V AC	RPM11E7	916
48 V DC	RPM11ED	916
110 V DC	RPM11FD	916
120 V AC	RPM11F7	1111
230 V AC	RPM11P7	1012
2 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM21JD	947
24 V AC	RPM21B7	947
24 V DC	RPM21BD	921
48 V AC	RPM21E7	947
48 V DC	RPM21ED	947
110 V DC	RPM21FD	947
120 V AC	RPM21F7	1111
230 V AC	RPM21P7	947
3 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM31JD	979
24 V AC	RPM31B7	1025
24 V DC	RPM31BD	979
48 V AC	RPM31E7	979
48 V DC	RPM31ED	979
110 V DC	RPM31FD	979
120 V AC	RPM31F7	1156
230 V AC	RPM31P7	1054
4 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM41JD	1025
24 V AC	RPM41B7	1025
24 V DC	RPM41BD	1023
48 V AC	RPM41E7	1025
48 V DC	RPM41ED	968
110 V DC	RPM41FD	1025
120 V AC	RPM41F7	1175
230 V AC	RPM41P7	1025
With LED		
1 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM12JD	966
24 V AC	RPM12B7	966
24 V DC	RPM12BD	649
48 V AC	RPM12E7	966
48 V DC	RPM12ED	966
110 V DC	RPM12FD	966
120 V AC	RPM12F7	1156
230 V AC	RPM12P7	1054
2 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM22JD	979
24 V AC	RPM22B7	979
24 V DC	RPM22BD	859
48 V AC	RPM22E7	979
48 V DC	RPM22ED	979
110 V DC	RPM22FD	979
120 V AC	RPM22F7	1156
230 V AC	RPM22P7	960

RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
3 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM32JD	996
24 V AC	RPM32B7	996
24 V DC	RPM32BD	1095
48 V AC	RPM32E7	996
48 V DC	RPM32ED	996
110 V DC	RPM32FD	996
120 V AC	RPM32F7	1175
230 V AC	RPM32P7	1095
4 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM42JD	1062
24 V AC	RPM42B7	1041
24 V DC	RPM42BD	1033
48 V AC	RPM42E7	1030
48 V DC	RPM42ED	1062
110 V DC	RPM42FD	1031
120 V AC	RPM42F7	1147
230 V AC	RPM42P7	1033

RPZ Power Relays

Description	Reference	Unit LP [₹]
Accessories		
Mixed Contact Socket		
	RPZF2	419
Socket for power relay - Zelio RPZ - with mixed contacts - screw clamp	RPZF1	417
	RPZF4	715
	RPZF3	740
Clips And Legends		
Metal maintaining clamp - for relay socket RPZF1	RPZR235	112
Mounting adaptor for DIN rail - for power relay socket RPZ	RPZ1DA	112
	RPZ3DA	112
	RPZ4DA	153
Mounting adaptor with fixing lugs for panel - for power relay socket RPZ	RPZ1FA	112
	RPZ3FA	112
	RPZ4FA	153

RPF Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
N/O - 30 AMPS Contact Rating		
24 V DC	RPF2ABD	1673
120 V AC	RPF2AF7	1722
230 V AC	RPF2AP7	1639
Change Over - 30 AMPS Contact Rating		
12 V DC	RPF2BJD	1404
24 V AC	RPF2BB7	1444
24 V DC	RPF2BBD	1658
110 V DC	RPF2BFD	1444
120 V AC	RPF2BF7	1851
230 V AC	RPF2BP7	1706

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

☒ **NORMAL STOCK ITEMS**
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RE17 Electronic Timers

NEW

Description	Reference	Unit LP [₹]
On Delay Timer 24 240 Vac	RE17LAMW	2057
Off Delay Timer 24 240VAC	RE17LCBM	2451
Timer Function H Solid State Output 24 240VAC	RE17LHBM	3136
Flashing Timer	RE17LLBM	2577
Multi Function Timer	RE17LMBM	2478
Timer Function A at 1C O 24VAC DC 240VAC	RE17RAMU	1966
Timer Function B 1C O 24VAC DC 240VAC	RE17RBMU	2923
Timer Function C 1C O 24VAC DC 240VAC	RE17RCMU	2057
Timer Function H Ht 1C O 24VAC DC 240VAC	RE17RHMU	2116
Flashing Timer	RE17RLJU	2750
Timer Function L Li 1C O 24VAC DC 240VAC	RE17RLMU	2750
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMEMU	2449
10 X MultiFunction Timer 1C O 12VAC DC	RE17RMJU	2602
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMMU	2528
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMW	2816
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMWS	3033
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMXMU	3181

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

☒ NORMAL STOCK ITEMS

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Biometric Switch

Description	Reference	Unit LP [₹]
Bistable biometric switch, 24 V DC - PNP - by 2m cable	XB5S1B2L2	30153
Bistable biometric switch, 24 V DC - PNP - by M12 connector	XB5S1B2M12	31812
Monostable biometric switch, 24 V DC - PNP - by 2m cable	XB5S2B2L2	30547
Monostable biometric switch, 24 V DC - PNP - by M12 connector	XB5S2B2M12	31714

Accessories

Description	Reference	Unit LP [₹]
Protective cover, translucent & self adhesive	ZB5SZ70	772
Diameter 22 mm nut	ZB5SZ71	315
Legend plate 28X7 mm	ZBY0101T	146

Pushbuttons

Description	Type of Contact	Colour	Reference	Unit LP [₹]
Spring return				
Flush	NO	White	XB5AA11N	141
	NO	Black	XB5AA21N	141
	NO	Green	XB5AA31N	141
	NO	Yellow	XB5AA51N	141
	NO	Blue	XB5AA61N	141
	NC	Red	XB5AA42N	141
	NO	Red	XB5AA41N	141
	NO	Blank	XB5AA01N*	141
Projecting	NO	White	XB5AL11N	177
	NO	Black	XB5AL21N	172
	NO	Green	XB5AL31N	172
	NO	Yellow	XB5AL51N	172
	NO	Blue	XB5AL61N	172
	NC	Red	XB5AL42N	172
	NO	Red	XB5AL41N	172
	NO	Black	XB5AP21N	201
Flush with silicon transparent boot	NO	Green	XB5AP31N	201
	NO	Yellow	XB5AP51N	201
	NO	Blue	XB5AP61N	207
	NC	Red	XB5AP42N	201
Flush, marked (double molding /injection marking)	NO	Green	XB5AA3311N	200
	NC	Red	XB5AA4322N	200
	NO	Green	XB5AA3331N	200
	NC	Red	XB5AA4342N	200
	NO	Green	XB5AA3411N	206
	NC	Red	XB5AA4352N	206
Projecting, marked (double molding /injection marking)	NC	Red	XB5AL4342N	209
	NC	Red	XB5AL4352N	209
Flush, marked "I/O"	NO+NC	Green	XB5AL845N	992

Pilot lights

Description	Supply Voltage	Colour	Reference	Unit LP [₹]
With smooth lens (except clear colour)				
Direct Integral LED	~ 24V	White	XB7EV01BPN	226
		Green	XB7EV03BPN	209
		Red	XB7EV04BPN	209
		Yellow	XB7EV05BPN	209
		Amber	XB7EV08BPN	209
		Blue	XB7EV06BPN	431
		Clear	XB7EV07BPN*	209
		White	XB7EV01GPN	226
		Green	XB7EV03GPN	209
		Red	XB7EV04GPN	209
Direct Integral LED	~ 120V	Yellow	XB7EV05GPN	209
		Amber	XB7EV08GPN	209
		Blue	XB7EV06GPN	431
		Clear	XB7EV07GPN*	209
	~ 230V	White	XB7EV01MPN	226
		Green	XB7EV03MPN	209
		Red	XB7EV04MPN	209
		Yellow	XB7EV05MPN	209
		Amber	XB7EV08MPN	209
		Blue	XB7EV06MPN	431
		Clear	XB7EV07MPN*	209

* Clear type pilot lights are provided with striated lens.



Illuminated Pushbutton

Description	Type of Contact	Colour	Reference	Unit LP [₹]
With smooth lens (except clear colour)				
Flush Integral LED $\approx$ 24V	NO	White	XB5AW31B1N ☒	411
	NO	Green	XB5AW33B1N ☒	411
	NC	Red	XB5AW34B2N ☒	411
	NO	Yellow	XB5AW35B1N ☒	411
	NO	Amber	XB5AW38B1N ☒	459
	NO	Blue	XB5AW36B1N ☒	796
	NO	Clear	XB5AW37B1N*	796
Projecting Integral LED $\approx$ 24V	NO	White	XB5AW11B1N	404
	NO	Green	XB5AW13B1N ☒	411
	NC	Red	XB5AW14B2N ☒	411
	NO	Yellow	XB5AW15B1N	411
	NO	Amber	XB5AW18B1N	404
	NO	Blue	XB5AW16B1N	781
	NO	Clear	XB5AW17B1N*	416
Push Integral LED $\approx$ 24V	NO	White	XB5AH31B1N	543
	NO	Green	XB5AH33B1N	543
	NC	Red	XB5AH34B2N	543
	NO	Yellow	XB5AH35B1N	543
	NO	Amber	XB5AH38B1N	559
	NO	Blue	XB5AH36B1N	807
	NO	Clear	XB5AH37B1N*	559
Flush Integral LED $\sim$ 110V	NO	White	XB5AW31G1N	502
	NO	Green	XB5AW33G1N ☒	502
	NC	Red	XB5AW34G2N ☒	502
	NO	Yellow	XB5AW35G1N	796
	NO	Amber	XB5AW38G1N	479
	NO	Blue	XB5AW36G1N	796
	NO	Clear	XB5AW37G1N*	911
Flush Integral LED $\sim$ 230V	NO	White	XB5AW31M1N ☒	470
	NO	Green	XB5AW33M1N ☒	411
	NC	Red	XB5AW34M2N ☒	411
	NO	Yellow	XB5AW35M1N ☒	411
	NO	Amber	XB5AW38M1N ☒	459
	NO	Blue	XB5AW36M1N ☒	796
	NO	Clear	XB5AW37M1N*	884
Projecting Integral LED $\sim$ 230V	NO	White	XB5AW11M1N	533
	NO	Green	XB5AW13M1N	411
	NC	Red	XB5AW14M2N	411
	NO	Yellow	XB5AW15M1N	411
	NO	Amber	XB5AW18M1N	404
	NO	Blue	XB5AW16M1N	781
	NO	Clear	XB5AW17M1N*	416
Push Integral LED $\sim$ 230V	NO	White	XB5AH11M1N	620
	NO	Green	XB5AH13M1N ☒	543
	NC	Red	XB5AH14M2N ☒	543
	NO	Yellow	XB5AH15M1N	543
	NO	Amber	XB5AH18M1N	559
	NO	Blue	XB5AH16M1N	831
	NO	Clear	XB5AH17M1N*	559

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

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

☒ NORMAL STOCK ITEMSW.E.F. January 18th, 2019

Non-Illuminated Pushbutton

Description	Dia of Head	Type of Contact	Colour	Reference	Unit LP [₹]
Mushroom Head					
Spring return	40	NO	Black	XB5AC21N ☒	273
		NO	Green	XB5AC31N ☒	273
		NC	Red	XB5AC42N ☒	273
		NO	Red	XB5AC41N ☒	273
		NO	Yellow	XB5AC51N	273
	60	NO	Blue	XB5AC61N	273
		NO	Black	XB5AR21N	355
		NO	Green	XB5AR31N ☒	355
		NC	Red	XB5AR42N	355
		NO	Red	XB5AR41N	355
Turn to release	30	NO	Yellow	XB5AR51N	355
		NO	Blue	XB5AR61N	366
	40	NC	Black	XB5AS422N	267
		NC	Red	XB5AS442N ☒	267
Key release (n°155)	40	NC	Black	XB5AS522N ☒	271
		NC	Red	XB5AS542N ☒	267
Trigger action turn to release	40	NC	Red	XB5AS9445N ☒	622
Trigger action key to release	40	NC	Black	XB5AS122N ☒	482
Trigger action turn to release	40	NC+NO	Red	XB5AS142N	488
Trigger action key to release	40	NO+NC	Red	XB5AS9445N	622
Trigger action key to release	40	NC	Red	XB5AS9442N	-

Illuminated Pushbutton with yellow LED

Description	Supply Voltage	Type of Contact	Reference	Unit LP [₹]
Double Headed Pushbuttons (Spring return)				
1 flush push (marked "I")	~ 24V	NO+NC	XB5AW84B5N ☒	984
1 pilot light	~ 110V	NO+NC	XB5AW84G5N	
1 projecting push (marked "O")	~ 230V	NO+NC	XB5AW84M5N ☒	
Mushroom Head Pushbuttons (Illuminated)				
Turn to release	~ 24V	NC	Red XB5AW74B2N ☒	848
	~ 230V-240V	NC	Red XB5AW74M2N ☒	901

Illuminated - Selector switch

Description	Type of Contact	Colour	Reference	Unit LP [₹]
2 stay put ~ 24V	NO	White	XB5AK121B1N ☒	685
	NO	Green	XB5AK123B1N ☒	593
	NC	Red	XB5AK124B2N ☒	593
	NO	Yellow	XB5AK125B1N ☒	593
	NO	Blue	XB5AK126B1N	961
2 spring return from right to left ~ 24V	NO	White	XB5AK141B1N	1041
	NO	Green	XB5AK143B1N	1041
	NC	Red	XB5AK144B2N	1072
	NO	Yellow	XB5AK145B1N	1041
	NO	Blue	XB5AK146B1N	1302
3 stay put ~ 24V	2NO	White	XB5AK131B3N	901
	2NO	Green	XB5AK133B3N ☒	622
	1NO+1NC	Red	XB5AK134B5N ☒	622
	2NO	Yellow	XB5AK135B3N	622
	2NO	Blue	XB5AK136B3N	1202
3 spring return to centre ~ 24V	2NO	White	XB5AK151B3N	675
	2NO	Green	XB5AK153B3N ☒	623
	1NO+1NC	Red	XB5AK154B5N	908
	2NO	Yellow	XB5AK155B3N	908
	2NO	Blue	XB5AK156B3N	1374
2 stay put ~ 230V	NO	White	XB5AK121M1N ☒	685
	NO	Green	XB5AK123M1N ☒	593
	NC	Red	XB5AK124M2N ☒	593
	NO	Yellow	XB5AK125M1N ☒	593
	NO	Blue	XB5AK126M1N	961
2 spring return right to left ~ 230V	NO	White	XB5AK141M1N	1072
	NO	Green	XB5AK143M1N	1041
	NC	Red	XB5AK144M2N	1072
	NO	Yellow	XB5AK145M1N	1072
	NO	Blue	XB5AK146M1N	1302
3 stay put ~ 230V	2NO	White	XB5AK131M3N	929
	2NO	Green	XB5AK133M3N ☒	622
	1NO+1NC	Red	XB5AK134M5N ☒	622
	2NO	Yellow	XB5AK135M3N	622
	2NO	Blue	XB5AK136M3N	1202
3 spring return to center ~ 230V	2NO	White	XB5AK151M3N	675
	2NO	Green	XB5AK153M3N ☒	623
	1NO+1NC	Red	XB5AK154M5N	908
	2NO	Yellow	XB5AK155M3N ☒	908
	2NO	Blue	XB5AK156M3N ☒	1374

Non Illuminated Selector switches & Key switches

Description	Type of Contact	Reference	Unit LP [₹]
Standard handle black	2 stay put	1NO XB5AD21N ☒	346
	2 spring return, right to left	1NO XB5AD41N ☒	551
	3 stay put	2NO XB5AD33N ☒	377
	3 spring return to center	2NO XB5AD53N ☒	402
	3 spring return, left to center	2NO XB5AD73N ☒	402
	3 spring return, right to center	2NO XB5AD83N ☒	431
Long handle black	2 stay put	1NO XB5AJ21N ☒	350
	3 stay put	2NO XB5AJ33N ☒	388
	3 Spring return to center	2NO XB5AJ53N ☒	405
Key switch	2 stay put*	1NO XB5AG21N ☒	530
	2 stay put*	1NO XB5AG021N	605
	2 stay put*	1NO XB5AG41N	530
	2 spring return, right to left	1NO XB5AG61N	941
	3 stay put*	2NO XB5AG53N ☒	564
	3 stay put*	2NO XB5AG03N ☒	449
	3 stay put*	2NO XB5AG33N ☒	595
	3 spring return to center	2NO XB5AG73N ☒	869
	3 spring return, left to center	2NO XB5AG13N	613
	3 spring return, right to center	2NO XB5AG083N	765

* Please refer catalogue for Key withdrawal position

Accessories

Description	Legend Colour	Marking	Reference	Unit LP [₹]
With blank legend (for engraving)	Black/Red bkgd.	Blank	ZBY2101N ☒	96
	White/Yellow bkgd.	Blank	ZBY4101N	96
With 8 x 27 mm English language marked legend	Black or Red bkgd.	Inch	ZBY2321N	100
		OFF	ZBY2312N	100
		ON	ZBY2326N	100
		Reset	ZBY2323N	100
		Reverse	ZBY2306N	100
		Start	ZBY2303N	96
Legends for emergency stop	Emergency stop	ON	ZBY9330N ☒	96
Mushroom head pushbuttons	Yellow bkgd.		ZBY8330N	96

Pushbutton caps (unmarked)

- For use with ZB5-AAON circular pushbutton heads supplied without caps

Type of Pushbutton caps	Colour	Reference	Unit LP [₹]
Flush	White	ZBA1N	35
	Black	ZBA2N	35
	Red	ZBA4N	33
	Yellow	ZBA5N	35
	Blue	ZBA6N	35
	Set of 6 colours*	ZBA9N	64
Projecting	White	ZBL1N	65
	Black	ZBL2N	65
	Green	ZBL3N	65
	Red	ZBL4N	65
	Yellow	ZBL5N	65
	Blue	ZBL6N	65
	Set of 6 colors*	ZBL9N	65

Pushbutton caps (marked)

Type of Pushbutton caps	Colour		Colour of Cap	Reference	Unit LP [₹]
	Text	Colour			
Projecting Flush (Double injection moulded marking)	STOP	White	Red	ZBL434N	102
	I	White	Green	ZBA331N	102
	START	White	Green	ZBA333N	98
	ON	White	Green	ZBA341N**	143
	STOP	White	Red	ZBA434N	98
	UP	Black	White	ZBA343N	143
	DOWN	White	Black	ZBA344N	147
	OFF	White	Red	ZBA434N	98

* Set of 6 colours white + black + green + red + yellow + blue

** Excluding ZBA-341N of double injection moulded marking

Accessories

Description	Application	Reference	Unit LP [₹]
Plastic blanking plug, round black,	For Ø 22 control and signalling units with circular head	ZB5SZ3N ☒	98
Anti rotation plate,	Prevents head from rotation	ZB5AZ902N ☒	28
Fixing collar	To fix contacts or lights	ZB5AZ009N ☒	98
Fixing nut		ZB5AZ901N	28

Contact blocks with screw clamp terminal connections

Description	Type of Contact	Reference	Unit LP [₹]
Standard single	1NO	ZBE101N ☒	82
Contact blocks	1NC	ZBE102N ☒	82

Clear silicon boots

Description	Reference	Unit LP [₹]
Boot for cylindrical flush PB	ZBPAN ☒	56
Boot for cylindrical projecting PB	ZBP0N	58
Boot for double head illuminated PB and non-illuminated PB	ZBW008N	102

Light block with screw clamp terminal connections

Description	Supply Voltage	Colour of Light source	Reference	Unit LP [₹]
Integral LED	~ 24V	White	ZBVB1N	264
		Green	ZBVB3N ☒	264
		Red	ZBVB4N	264
		Yellow	ZBVB5SN	264
		Amber	ZBVB8N	264
		Blue	ZBVB6N	697
	~ 110V	White	ZBVG1N	350
		Green	ZBVG3N	340
		Red	ZBVG4N	340
		Yellow	ZBVG5SN	888
		Amber	ZBVG8N	350
		Blue	ZBVG6N	724
	~ 220V	White	ZBVM1N	413
		Green	ZBVM3N ☒	272
		Red	ZBVM4N ☒	272
		Yellow	ZBVM5SN	272
		Amber	ZBVM8N	280
		Blue	ZBVM6N	703
Direct bulb holder without resistance	~ 130V	-	ZBV6N	166

Flush mounting kit and harmony+ NEW



- Only addition to the BOM is a flush mounting kit
- Installation into a 30.50 mm hole
- New aesthetics for machine control panel using the same control devices as before
- Possibility to refurbish old machine with new style



Description	Reference	Unit LP [₹]
Metal flush mounting kit (PB and PL).	ZB4BZ021	861
Metal flush mounting kit (SS and IPB).	ZB4BZ022	907
Plastic flush mounting kit (PB and PL).	ZB5AZ021	756
Plastic flush mounting kit (SS and IPB).	ZB5AZ022	764
Plastic flush mounting kit for legend 8x27 (PB and PL).	ZB5AZ023	861
Plastic flush mounting kit for legend 8x27 (SS and IPB).	ZB5AZ024	915
Plastic flush mounting kit for legend 18x27 (PB and PL).	ZB5AZ025	1184
Plastic flush mounting kit for legend 18x27 (SS and IPB).	ZB5AZ026	1238

Description	Reference	Unit LP [₹]
Head Ø22 + mounting base + potentiometer 4K7	XB4BD912R4K7	on Request
Head Ø22 + mounting base + potentiometer 4K7	XB5AD912R4K7	on Request
100...240 VAC/DC Panel mounted Ø22 mm timer monofunction with 3 s..60 s delay	XB5DTGM3	on Request
Panel mounted USB 3.0 port - Ø22 mm - for USB interface jack type A	XB5PUSB3	on Request
Panel mounted RJ45 port - Ø22 mm - for Ethernet connection	XB5PRJ45	on Request
Red emergency stop TTR 40mm 2NC 1NO moni	XB5AS84449	on Request
Red illu estop TTR 40mm 2NC 1NO moni.ct	XB5AS86449B4	on Request

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

☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019

ZAL Bodies for LED Pilot light (for mounting on metal plate at back of enclosure)

Description	Colour	Reference	Unit LP [₹]
≈ 24V	White	ZALVB1	538
	Green	ZALVB3	523
	Red	ZALVB4	523
	Yellow	ZALVB5	523
	Blue	ZALVB6	588
~ 120V	White	ZALVG1	759
	Green	ZALVG3	783
	Red	ZALVG4	611
	Yellow	ZALVG5	679
	Blue	ZALVG6	679
~ 220V	White	ZALVM1	1689
	Green	ZALVM3	943
	Red	ZALVM4	797
	Yellow	ZALVM5	746
	Blue	ZALVM6	768
≈ 24V	White	ZBVB1	467
	Green	ZBVB3	359
	Red	ZBVB4	359
	Yellow	ZBVB5	349
	Blue	ZBVB6	454
~ 120V	White	ZBVG1	1042
	Green	ZBVG3	475
	Red	ZBVG4	579
	Yellow	ZBVG5	561
	Blue	ZBVG6	1061
~ 220V	White	ZBVM1	1066
	Green	ZBVM3	454
	Red	ZBVM4	454
	Yellow	ZBVM5	461
	Blue	ZBVM6	554

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

Description	No. of ways	Color of Enclosure	Reference	Unit LP [₹]
For normal environment Light grey base IP65	1	Dark grey	XALD01 ☒	573
	2	Dark grey	XALD02 ☒	709
	3	Dark grey	XALD03	864
	4	Dark grey	XALD04 ☒	1181
	5	Dark grey	XALD05	1542
For normal environment Light Grey base IP54	1	Yellow	XALK01 ☒	658
	2	Light Grey	XALE2	474
	3	Light Grey	XALE3	578

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

Description	Contacts Type and Composition	Reference	Unit LP [₹]
Standard single	1 NO	ZENL1111 ☒	317
Contact block	1 NC	ZENL1121 ☒	

XVB-C Illuminated Lens Units

Description	Light Block Colour	Reference	Unit LP [₹]
Lens unit - steady light - 250 V 10 W	Green	XVBC33	2252
	Red	XVBC34	2295
	Orange	XVBC35	2295
	Blue	XVBC36	2252
	Clear	XVBC37	2295
Lens unit - flashing light - 24..48 V DC 24 V AC	Yellow	XVBC38	2252
	Green	XVBC4B3	6409
	Red	XVBC4B4	6227
	Orange	XVBC4B5	6227
	Blue	XVBC4B6	6409
Lens unit - flashing light - 48..230 V AC	Clear	XVBC4B7	6409
	Yellow	XVBC4B8	6116
	Green	XVBC4M3	6252
	Red	XVBC4M4	6548
	Orange	XVBC4M5	6409
Lens unit - steady light - 24 V AC DC	Blue	XVBC4M6	6533
	Clear	XVBC4M7	6252
	Yellow	XVBC4M8	6252
	Green	XVBC2B3	5048
	Red	XVBC2B4	5048
Lens unit - steady light - 120 V AC	Orange	XVBC2B5	5048
	Blue	XVBC2B6	6512
	Clear	XVBC2B7	6512
	Yellow	XVBC2B8	4952
	Green	XVBC2G3	4949
Lens unit - steady light - 230 V AC	Red	XVBC2G4	4952
	Orange	XVBC2G5	5147
	Blue	XVBC2G6	6239
	Clear	XVBC2G7	6239
	Yellow	XVBC2G8	5172
Lens unit - flashing light - 24 V AC DC	Green	XVBC2M3	4952
	Red	XVBC2M4	4952
	Orange	XVBC2M5	4952
	Blue	XVBC2M6	6867
	Clear	XVBC2M7	6444
Lens unit - flashing light - 120 V AC	Yellow	XVBC2M8	5391
	Green	XVBC5B3	8896
	Red	XVBC5B4	8625
	Orange	XVBC5B5	8713
	Blue	XVBC5B6	10872
Lens unit - flashing light - 230 V AC	Clear	XVBC5B7	7159
	Yellow	XVBC5B8	8575
	Green	XVBC5G3	8895
	Red	XVBC5G4	8884
	Orange	XVBC5G5	8724
Flashing unit - integral LED - 230..240 V AC	Blue	XVBC5G6	10830
	Clear	XVBC5G7	10170
	Yellow	XVBC5G8	8852
	Red	XVBC5M4	8548
	Orange	XVBC5M5	8884
Flashing unit - integral LED - 230..240 V AC	Blue	XVBC5M6	10768
	Clear	XVBC5M7	10170
	Yellow	XVBC5M8	8884
Flashing unit - integral LED - 230..240 V AC	Green	XVBC5M3	8884

XVB Units

Description	Reference	Unit LP [₹]
XVB Audible Signalling Unit		
Sound unit - continuous or intermittent buzzer - 75..90 dB - 12..48 V AC DC	XVBC9B	7038
Sound unit - continuous or intermittent buzzer - 75..90 dB - 120..230 V AC	XVBC9M	11829
XVB Base Unit + Cover		
Base unit + cover for bank XVB - without flash discharge tube - black - IP 65	XVBC21	3182
XVB Accessories		
Fixing base on vertical surface - zamak black - XVB	XVBC12	1928
Lateral cable entry kit with Pg 13.5 cable gland - XVB	XVBC14	420
Set of coloured indicator pins - 6 colors - XVB	XVBC22	349
Support tube + fixing base l=400 mm - aluminium black - XVB	XVBZ03	2649
Support tube + fixing base l=80 mm - aluminium black - XVB	XVBZ02	2002
Support tube + fixing base l=800 mm - aluminium black - XVB	XVBZ04	3944
XVB Incandescent Bulb		
Clear incandescent bulb for signalling - BA 15d - 24 V 10 W	DL1BLB	277
Clear incandescent bulb for signalling - BA 15d - 48 V 10 W	DL1BLE	293
Clear incandescent bulb for signalling - BA 15d - 120 V 10 W	DL1BLG	465
Clear incandescent bulb for signalling - BA 15d - 12 V 10 W	DL1BLJ	285
Clear incandescent bulb for signalling - BA 15d - 230 V 10 W	DL1BLM	302

XVB LED BA 15d Base Fitting

[Us] Rated Supply Voltage	Signalling Colour	Reference	Unit LP [₹]
24 V	White	DL1BDB1	3710
	Green	DL1BDB3	2968
	Red	DL1BDB4	2968
	Blue	DL1BDB6	3365
	Yellow-Orange	DL1BDB8	3487
120 V AC	Blue	DL1BDG6	4469
	Green	DL1BDG3	3542
	Red	DL1BDG4	3491
	White	DL1BDG1	4469
	Yellow-Orange	DL1BDG8	3703
230 V AC	Blue	DL1BDM6	4469
	Green	DL1BDM3	3881
	Red	DL1BDM4	3776
	White	DL1BDM1	4469
	Yellow-Orange	DL1BDM8	3571

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

NORMAL STOCK ITEMS

W.E.F. January 18th, 2019



- 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 LP [₹]
Multi-functional LED Beacon green without buzzer DC/AC 12~24V	XVR3B03	10616
Multi-functional LED Beacon red without buzzer DC/AC 12~24V	XVR3B04	10634
Multi-functional LED Beacon orange without buzzer DC/AC 12~24V	XVR3B05	10455
Multi-functional LED Beacon blue without buzzer DC/AC 12~24V	XVR3B06	10722
Multi-functional LED Beacon green without buzzer AC 100~230V	XVR3M03	10616
Multi-functional LED Beacon red without buzzer AC 100~230V	XVR3M04	10455
Multi-functional LED Beacon Orange without buzzer AC 100~230V	XVR3M05	10455
Multi-functional LED Beacon Blue without buzzer AC 100~230V	XVR3M06	10722
Multi-functional LED Beacon green with buzzer DC/AC 12~24V	XVR3B03S	22879
Multi-functional LED Beacon red with buzzer DC/AC 12~24V	XVR3B04S	21317
Multi-functional LED Beacon orange with buzzer DC/AC 12~24V	XVR3B05S	21945
Multi-functional LED Beacon blue with buzzer DC/AC 12~24V	XVR3B06S	22879
Multi-functional LED Beacon green with buzzer AC 100~230V	XVR3M03S	11561
Multi-functional LED Beacon red with buzzer AC 100~230V	XVR3M04S	9593
Multi-functional LED Beacon orange with buzzer AC 100~230V	XVR3M05S	10492
Multi-functional LED Beacon blue with buzzer AC 100~230V	XVR3M06S	11561
Multi-functional LED Beacon green without buzzer DC48V	XVR3E03	10722
Multi-functional LED Beacon red without buzzer DC48V	XVR3E04	10455
Multi-functional LED Beacon orange without buzzer DC48V	XVR3E05	10455
Multi-functional LED Beacon blue without buzzer DC48V	XVR3E06	10722
Multi-functional LED Beacon, External lens	XVR3Z001	289

XVR Bulbs

Description	[Us] Rated Supply Voltage	Reference	Unit LP [₹]
BA 15d Base fitting			
Clear Halogen Bulb For Signalling - Ba 15D - 70 W	24 V AC/DC	DL1BRBH	2702

Accessories and spare parts

Description	Cap/Operator or Lens Colour	Reference	Unit LP [₹]
Fixing base on vertical surface - black		XVR012	2260
Fixing base for support tube with tapping 1/2 " npt - black		XVR013	1302
Green domed lens - ø 165	green	XVR0153	4876
Red domed lens - ø 165	red	XVR0154	4876
Orange domed lens - ø 165	orange	XVR0155	4876
Blue domed lens - ø 165	blue	XVR0156	4876
Yellow domed lens - ø 165	yellow	XVR0158	4876
Protective grid for lens unit		XVR016	2191

Note: Accessories only for references XVR1B****.

XVS Sirens

Description	Reference	Unit LP [₹]
2 Tones siren - 106 dB - 12...24V AC/DC - White	XVS10BMW	19641
2 Tones siren - 106 dB - 120V AC - White	XVS10GMW	
2 Tones siren - 106 dB - 230V AC - White	XVS10MMW	

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

☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019

DL1 Incandescent Bulb

Description	Light Block Colour	Reference	Unit LP (₹)
Clear incandescent bulb for signalling - ba 15d - 24 v 4 w		DL1BEBS	263
Clear incandescent bulb for signalling - ba 15d - 120 v 7 w		DL1BEG	278
Clear incandescent bulb for signalling - ba 15d - 230 v 5 w		DL1BEMS	286

XVR Rotating Mirror Beacon

Description	Light Block Colour	Reference	Unit LP (₹)
Rotating mirror beacon - 70W - 24V AC DC	Green	XVR1B93	14299
	Red	XVR1B94	15811
	Orange	XVR1B95	14244
	Blue	XVR1B96	14299
	Yellow	XVR1B98	14244
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Green	XVR08B03	11311
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Green	XVR10B03	11311
Rotating mirror beacon with buzzer XVR - Ø 120 - 24 V AC DC	Green	XVR12B03	14417
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 24 V AC DC	Red	XVR13B04L	11646
	Orange	XVR13B05L	11312
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Blue	XVR08B06	12336
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Blue	XVR10B06	12336
Rotating mirror beacon w/o buzzer XVR - Ø 120 - 24 V AC DC	Blue	XVR12B06	14531
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 120 V AC	Red	XVR13G04L	13762
	Orange	XVR13G05L	12336
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 230 V AC	Red	XVR13M04L	14647
	Orange	XVR13M05L	13894

XVM Series

Tower Light with Super Bright LED and integral light diffuser

Description	Reference	Unit LP (₹)
Complete Tower 24 V AC/DC Without Buzzer	XVMB2RSB	3225
	XVMB2RASB	3174
	XVMB2RGSB	4714
	XVMB2RAGSB	6259
	XVMB2R6AGSB	6845
Complete Tower 24 V AC/DC With Buzzer	XVMB2RSSB	3632
	XVMB2RASSB	5068
	XVMB2RGSSB	5343
	XVMB2RAGSSB	8085
	XVMB2R6AGSSB	10835
Complete Tower 120 V AC Without Buzzer	XVMG2RSB	4346
	XVMG2RASB	4712
	XVMG2RGSB	4564
	XVMG2RAGSB	5643
	XVMG2R6AGSB	8304
Complete Tower 120 V AC With Buzzer	XVMG2RSSB	4630
	XVMG2RASSB	5986
	XVMG2RGSSB	5936
	XVMG2RAGSSB	7294
	XVMG2R6AGSSB	9933
Complete Tower 230 V AC Without Buzzer	XVMM2RSB	4063
	XVMM2RASB	4389
	XVMM2RGSB	4601
	XVMM2RAGSB	7476
	XVMM2R6AGSB	8877
Complete Tower 230 V AC With Buzzer	XVMM2RSSB	6499
	XVMM2RASSB	6293
	XVMM2RGSSB	6535
	XVMM2RAGSSB	7803
	XVMM2R6AGSSB	10290

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

☒ NORMAL STOCK ITEMS

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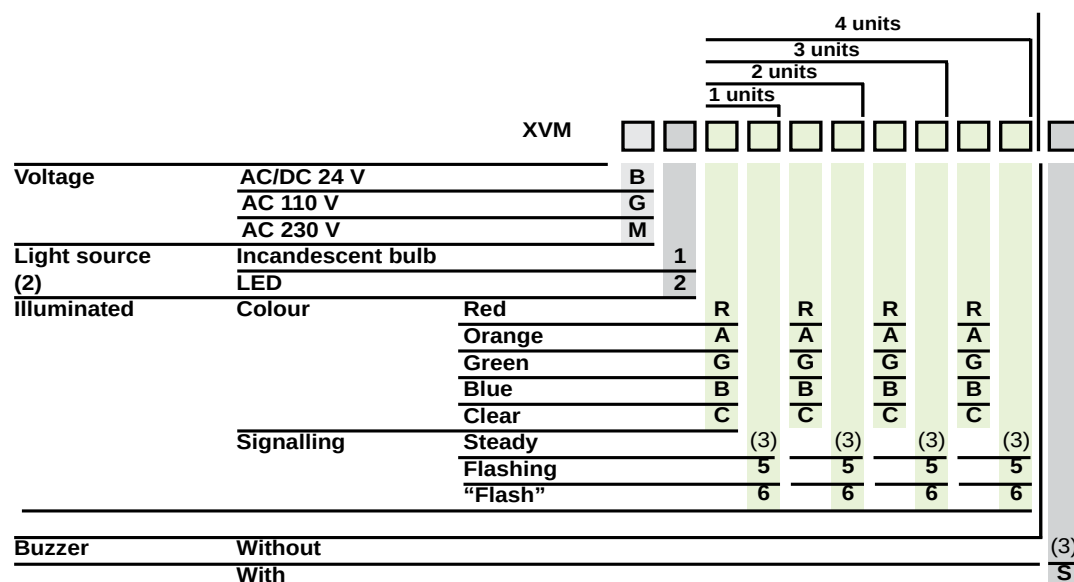
XVM Series

Description	Reference	Unit LP [₹]
Base and Cover	XVMC21	671
Tube and Base	XVMC213T	1281
Base with Buzzer 24V	XVMC29B	1927
Tube and Base with Buzzer 24V	XVMC29B3T	2681
Tube and Base with Buzzer 120V	XVMC29G3T	2748
Base with Buzzer 230V	XVMC29M	2008
Green Lens	XVMC33	745
Red Lens	XVMC34	745
Yellow Lens	XVMC35	745
Blue Lens	XVMC36	745
Clear Lens	XVMC37	745
100mm Aluminium Tube with Stand	XVMZ02	617
100mm Aluminium Tube with Bracket	XVMZ02T	748
250mm Aluminium Tube with Stand	XVMZ03	887
250mm Aluminium Tube with Bracket	XVMZ03T	919
400mm Aluminium Tube with Stand	XVMZ04	1241
Cover for Replacement	XVMZ081	177
Tool for Bulb	ZBZX13	183
Incandescent Bulb 24 V	DL1EDBS 	191
Incandescent Bulbs 120 V	DL1EDGS	193
Incandescent Bulbs 230 V	DL1EDMS 	193
White Led Bulb 24 V	DL2EDB1SB	925
Green Led Bulb 24 V	DL2EDB3SB	925
Red Led Bulb 24 V	DL2EDB4SB	925
Blue Led Bulb 24 V	DL2EDB6SB	1088
Orange Led Bulb 24 V	DL2EDB8SB	906

XVM Series

Description	Reference	Unit LP 
White Led Bulb 120 V	DL2EDG1SB	1169
Green Led Bulb 120 V	DL2EDG3SB	1096
Red Led Bulb 120 V	DL2EDG4SB	1064
Blue Led Bulb 120 V	DL2EDG6SB	1064
Orange Led Bulb 120 V	DL2EDG8SB	1096
White Led Bulb 230 V	DL2EDM1SB	1108
Green Led Bulb 230 V	DL2EDM3SB	1045
Red Led Bulb 230 V	DL2EDM4SB	1087
Blue Led Bulb 230 V	DL2EDM6SB	1141
Orange Led Bulb 230 V	DL2EDM8SB	1087
White Flashing Led Bulb 24 V	DL2EKB1SB	1227
Green Flashing Led Bulb 24 V	DL2EKB3SB	1289
Red Flashing Led Bulb 24 V	DL2EKB4SB	1228
Blue Flashing Led Bulb 24 V	DL2EKB6SB	1289
Orange Flashing Led Bulb 24 V	DL2EKB8SB	1228
White Flashing Led Bulb 120 V	DL2EKG1SB	1410
Green Flashing Led Bulb 120 V	DL2EKG3SB	1481
Red Flashing Led Bulb 120 V	DL2EKG4SB	1438
Blue Flashing Led Bulb 120 V	DL2EKG6SB	1410
Orange Flashing Led Bulb 120 V	DL2EKG8SB	1481
White Flashing Led Bulb 230 V	DL2EKM1SB	1528
Green Flashing Led Bulb 230 V	DL2EKM3SB	1528
Red Flashing Led Bulb 230 V	DL2EKM4SB	1549
Blue Flashing Led Bulb 230 V	DL2EKM6SB	1528
Orange Flashing Led Bulb 230 V	DL2EKM8SB	1528
Strobe Bulb 24V	DL6BB	2592
Strobe Bulb 120V	DL6BG	2535
Strobe Bulb 230 V	DL6BM	2535

Breakdown of the reference for a complete indicator bank



Reference example

XVM B2R6AGS=indicator bank for 24V(AC/DC) supply, with LEDs with 1 red lens unit with “flash” discharge tube signalling, 2 lens units (1 orange and 1 green) with steady light signalling and with buzzer.

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

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

Description	References	Unit LP [₹]
With aluminium tube mounting and L-bracket		
Without Buzzer		
2-Stage Red, Green	XVGB2	2805
3-Stage Red, Amber, Green	XVGB3	3177
4-Stage Red, Amber, Green, Blue	XVGB4	3826
With Buzzer		
2-Stage Red, Green	XVGB2S	3184
3-Stage Red, Amber, Green	XVGB3S	3611
4-Stage Red, Amber, Green, Blue	XVGB4S	3845
With direct aluminium tube mounting		
Without Buzzer		
2-Stage Red, Green	XVGB2T	2890
3-Stage Red, Amber, Green	XVGB3T	3513
4-Stage Red, Amber, Green, Blue	XVGB4T	4258
With Buzzer		
2-Stage Red, Green	XVGB2ST	3539
3-Stage Red, Amber, Green	XVGB3ST	3637
4-Stage Red, Amber, Green, Blue	XVGB4ST	4640
With aluminium tube mounting and fixing plate		
Without Buzzer		
2-Stage Red, Green	XVGB2H	2805
3-Stage Red, Amber, Green	XVGB3H	3210
4-Stage Red, Amber, Green, Blue	XVGB4H	4210
With Buzzer		
2-Stage Red, Green	XVGB2SH	3428
3-Stage Red, Amber, Green	XVGB3SH	3696
4-Stage Red, Amber, Green, Blue	XVGB4SH	4606
With aluminium tube mounting and foldable bracket		
Without Buzzer		
2-Stage Red, Green	XVGB2M	3215
3-Stage Red, Amber, Green	XVGB3M	3514
4-Stage Red, Amber, Green, Blue	XVGB4M	4241
With Buzzer		
2-Stage Red, Green	XVGB2SM	3486
3-Stage Red, Amber, Green	XVGB3SM	3816
4-Stage Red, Amber, Green, Blue	XVGB4SM	3848
With base mounting - Direct		
Without Buzzer		
2-Stage Red, Green	XVGB2W	2635
3-Stage Red, Amber, Green	XVGB3W	3101
4-Stage Red, Amber, Green, Blue	XVGB4W	4067
With Buzzer		
2-Stage Red, Green	XVGB2SW	3085
3-Stage Red, Amber, Green	XVGB3SW	3488
4-Stage Red, Amber, Green, Blue	XVGB4SW	4168
XVG-USB Based Towerlights 		
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 Direct base mounting	XVGU3SWV	6968
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 With 100 mm aluminium tube mounting	XVGU3SHAV	7898

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

 **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019



- One-hand operation
- Wireless e-stop compliant with sil3
- 30H runtime, 15min to recharge
- Instant alarm notification by vibration
- 2.4Ghz frequency up to 50 systems at the same time

Radio Remote Control

Description	References	Unit LP [₹]
ZART8L + ZARB12W	XARS8L12W	116234
ZART8L + ZARB12H	ZART8L + ZARB12H	On Request
ZART8D + ZARB18W	XARS8D18W	130519
ZART8D + ZARB18H	XARS8D18H	132701
ZART12D + ZARB18W	XARS12D18W	127183
ZART12D + ZARB18H	XARS12D18H	129859
Starter kit = XARS8L12W + ZARC01 + ZARC02	XARSK8L12W	143379
Starter kit = XARS8L12H + ZARC01 + ZARC02	XARSK8L12H	146740
Starter kit = XARS8D18W + ZARC01 + ZARC02	XARSK8D18W	154597
Starter kit = XARS8D18H + ZARC01 + ZARC02	XARSK8D18H	156724
Starter kit = XARS12D18W + ZARC01 + ZARC02	XARSK12D18W	154327
Starter kit = XARS12D18H + ZARC01 + ZARC02	XARSK12D18H	152629
Basic features – 8 pushbuttons - LEDs	ZART8L	54546
Basic features – 8 pushbuttons - Display	ZART8D	62785
Extended features – 12 pushbuttons	ZART12D	63182
12 outputs wired connection – cable gland	ZARB12W	59725
12 outputs – industrial plug connection	ZARB12H	64043
18 outputs wired connection – cable gland	ZARB18W	67020
18 outputs – industrial plug connection	ZARB18H	69211
Charger	ZARC01	6592
Shoulder belt	ZARC02	6776
External antenna	ZARC03	18687
Holder	ZARC04	2631
Connector plug female with cable 1.5m	ZARC05	21243
Cable gland kit with wire grommets	ZARC06	268
Kit of adhesive labels in B/W for remote device	ZARC07	1212
Kit of adhesive labels in colour for remote device and crane equipment	ZARC08	4974
Kit silent block for ZARB base station	ZARC09	14970
Connector plug female with cable 3m	ZARC12	36641
Connector plug female with cable 5m	ZARC18	54779

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

XAC-A Type

For Control Circuits

- Complete Stations IP657
- Double Insulated
- "Small Hoist" applications

Control station composition	Mechanical interlocking	Contact composition	Reference	Unit LP [₹]
For Single Hoist Motors				
2 pushbuttons	With mechanical interlocking	1 NO	XACA201	4230
		1 NC + 1 NO	XACA205	4458
2 bootied pushbuttons	With mechanical interlocking	1 NO	XACA211	4270
		1 NC + 1 NO	XACA215	4867
For Single-Speed Motors				
2 pushbuttons	With mechanical interlocking	1 NO	XACA271 	4337
		1 NC + 1 NO	XACA281 	4883
4 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA471 	5531
		1 NC + 1 NO	XACA481 	6278
6 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA671 	6463
		1 NC + 1 NO	XACA681 	7979
8 pushbuttons	With mechanical interlocking Between pairs	1 NO (for 7 operators)	XACA871 	7569
		1 NO (for 8 operators)		
				1 NC + 1 NO

Joystick Controllers

Description	Legend plate without text	Legend plate Price	Reference	Unit LP [₹]
XD2-P (One Step in Each Position) Dia. 22mm				
2-Direction Stay-Put	ZD2-GY2201	103	XD2PA12	4847
2-Direction Spring Return to Zero			XD2PA22 ☒	4488
4-Direction Stay-Put	ZD2-GY4201	123	XD2PA14	5544
4-Direction Spring Return to Zero			XD2PA24 ☒	5631
XD2-G (Two steps in each position) Dia. 22mm				
2 - Direction (2 notches with spring return to zero)	ZD2-GY5201	139	XD2GA8241	10761
2-Direction (1st notchstay-put, 2nd notch spring return to 1st)			XD2GA8251	10549
4-Direction spring (2 notches with spring return to zero)	ZD2-GY6201	146	XD2GA8441	14197
4-Direction (1st notch stay-put, 2nd notch spring return to 1st)			XD2GA8451	15225

Foot Switch

Contacts Type and Composition	Reference	Unit LP [₹]
Insulated Enclosure 1 NC + 1 NO	XPEA110 ☒	4459

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

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Wireless Limit Switch Solution



Wireless Limit Switch Solution (XCKW) suitable for applications where it is difficult to install and to mount cables.

Improved Basic XS Inductive Sensor



Improved Inductive sensor range XS_BL with

- >> EMC Immunity
- >> Better appearance with new cable connection design
- >> Better water-proofness
- >> Internal LED
- >> Laser tagging



Optical Sensors

- XUB M18 Body
- 100mA (with overload and short circuit protection)

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
Diffuse	0.6 m	PNP NO	XUB5APANM12 ☒	3176
		PNP NO	XUB5BPANM12 (Metal) ☒	4238
		PNP NO	XUB5APANL2 ☒	3176
		PNP NO	XUB5BPANL2 ☒	3796
Polarised reflex	2m	PNP NO	XUB9APANM12 ☒	3369
		PNP NO	XUB9BPANM12	4178
		PNP NO	XUB9APANL2	3190
		PNP NO	XUB9BPANL2	4178
Fixed Diffuse	100 mm	PNP NO	XUB4APANL2	3079
			XUB4APANM12 ☒	3079
		NPN NC	XUB4BPANM12 (Metal)	3828
			XUB4ANBNL2	3079
Reflex	4 m	PNP NO	XUB1APANL2 (Without Reflector)*	3079
			XUB1APANM12	3079
		PNP NC	XUB1BPANM12 (Metal)	3528
			XUB1APBNL2 (Without Reflector)*	3079
Receiver Thru Beam	15 m	PNP NO	XUB2APANL2R	2729
			XUB2AKSNL2T	2731
		PNP NC	XUB2AKSNM12T	1847
Receiver Thru Beam	15m	PNP NO	XUB2BKSNM12T (Metal)	2379
Receiver Thru Beam			XUB2APANM12R	2729
Transmitter Thru Beam			XUB2BPANM12R (Metal)	3671
			XUB2AKSNL2T	2731

Note :

1. L2 stands for sensors with 2m cable
4. M12 stand for universal connectors.

Principle of operation	Sensing range	Connection	Reference	Unit LP [₹]
Cylindrical M18				
Multi Mode	> 0...20 m	Cable 2 m	XUB0APSNL2	6062
Multi Mode	> 0...20 m	Connector	XUB0APSNM12	6231
Multi Mode	> 0...20 m	Connector	XUB0BPSNM12 (Metal)	6339

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
COMPACT 50 x 50 mm				
Reflex	7 m	AC/DC 1C/O Relay	XUK1ARCNL2	5941
Diffuse	1 m	AC/DC 1C/O Relay	XUK5ARCNL2	5941
Reflex polarized	5 m	AC/DC 1C/O Relay	XUK9ARCNL2	5840
Multimode	30 m	pnp/npn no/nc	XUK0AKSAL2	7982
Multimode	30 m	AC/DC 1C/O Relay	XUK0ARCTL2	9165
Compact 92 x 71 mm				
Diffuse	2.1 m	AC/DC 1C/O relay	XUX5ARCNT16	7312
Reflex Polarized	11 m	AC/DC 1C/O relay	XUX9ARCNT16	8090
Reflex	14 m	AC/DC 1C/O relay	XUX1ARCNT16	6489
Thru beam transmitter		AC/DC	XUX0ARCTT16T	6316
Multimode	1.3 m...40 m	PNP/NPN NO/NC	XUX0AKSAT16	12051
Multimode	1.3 m...40 m	AC/DC 1C/O relay	XUX0ARCTT16	12679

*Reflector to be ordered separately.

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

☒ NORMAL STOCK ITEMS

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Principle of operation	Sensing range	Connection	Reference	Unit LP [₹]
XUM – Miniature Single Mode - Material: Plastic - Wiring technique: 3 wire - Output Type: PNP 1No or 1NC Programmable - Supply Circuit Type: DC - Degree of protection - IP67				
Polarised Reflex	> 1...5 m	Cable 2 m	XUM9APCNL2 ☒	3127
Polarised Reflex	> 1...5 m	Connector	XUM9APCNM8 ☒	3127
Diffuse	> 0.3...1 m	Cable 2 m	XUM5APCNL2 ☒	2946
Diffuse	> 0.3...1 m	Connector	XUM5APCNM8	2693
Thru beam - Transmitter	15M	Cable	XUM2AKCNL2T ☒	2347
XUM – Miniature Multi Mode - Material: Plastic - Wiring technique: 3 wire - OutPut Type: PNP 1No or 1NC Programmable - Supply Circuit Type: DC - Degree of protection - IP67				
Multi Mode	> 0...10 m	Cable 2 m	XUM0APSA2	6545

XUK Colour Sensors



- Supply Voltage 10..30 VDC
- Teach Button Sensitivity Adjustment
- 3 Wire
- IP 65

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
Diffuse contrast sensor	19 mm	PNP NO	XUKR1PSMM12	13524

Fixing Bracket

Description	Reference	Unit LP [₹]
For XUB	XUZA118	703
For XUK	XUZA51	652

Reflector (mm)

Description	Reference	Unit LP [₹]
24 x 21	XUZYC24	908
50 x 50	XUZYC50 ☒	930
80 (dia)	XUZYC80 ☒	1364
100 x 100	XUZYC100 ☒	1319

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

OsiSense XU



SN [mm]	Light Mode	Output	Connection	Reference	Unit LP [₹]
Fork Sensor					
30mm	Red LED	PNP,[NO]	2m Cable	XUVR0303PANL2	6038
50mm	Red LED	PNP,[NO]	M8 Connector	XUVR0605PANM8	7366

Fiber Design Amplifier



- 3 Wire DC, Teach Mode

Depending on fiber	-	PNP NO/NC programmable	2M Cable	XUDA2PSML2 ☒	On Request
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XU.8 Background Suppresion

SN [m]	Body Type	Output	Connection	Reference	Unit LP [₹]
1m	Compact 50x50	PNP/NPN,NO/NC programmable	2m Cable	XUK8AKSNL2	6651
1m	Compact 50x50	PNP/NPN,NO/NC programmable	M12 Connector	XUK8AKSNM12 ☒	7426
0.3m	Miniature	PNP NO/NC programmable	2m Cable	XUM8APCNL2 ☒	4480

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

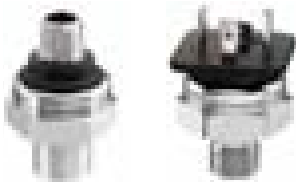
Electromechanical Pressure Switches



Description	Pressure Range	Reference	Unit LP [₹]
Electromechanical pressure switches for control circuit			
• Suitable for air, fresh water, sea water			
• Adjustable differential			
• 1 C/O single pole contact			
• G 1/4 (BSP female) fluid connection			
• Mechanical durability - 1 x 10 ⁶ operating cycles			
Setting screw external	1-6 bar	XMAV06L2135	3875
Adjustable range of rising pressure	1.3-12 bar	XMAV12L2135	3019
	3.5-25 bar	XMAV25L2135	3719
Electromechanical pressure switches for power circuits			
• Suitable for fresh water & sea water			
• Adjustable differential			
• 2 pole 2 N/C contact			
• Degree of protection - IP20			
• G 1/4 (BSP female) fluid connection			
Adjustable range of rising pressure 1.4 - 4.6 bar		FSG2 ☒	1268
Electromechanical pressure switches (Nautilus)			
• Conforming to IEC/EN 60947-5-1			
• 1 C/O single pole contact (4 terminal) snap action with setting scale			
Fixed differential			
0.4 to 4 bar		XMLA004A2S11 ☒	10022
0.7 to 20 bar		XMLA020A2S11 ☒	7438
1.5 to 35 bar		XMLA035A2S11 ☒	6791
5 to 70 bar		XMLA070D2S11 ☒	7475
Adjustable differential			
0.25 to 4 bar		XMLB004A2S11 ☒	10831
1.3 to 20 bar		XMLB020A2S11 ☒	10831
3.5 to 35 bar		XMLB035A2S11	16011
7 to 70 bar		XMLB070D2S11	11604

XMLP Pressure Transmitter

- For Hydraulic Oil, air, fresh water, sea water, gas & Refrigeration fluids



Pressure Range	Output	Connection	Reference	Unit LP [₹]
0 to 10 bar	4-20mA	DIN 43650	XMLP010BC21V ☒	7583
0 to 400 bar	4-20mA	DIN 43650	XMLP400BC22	7813
0 to 400 bar	0-10V	M12	XMLP400BD72	7957

Note: 10, 16, 25, 40, 60, 100, 250, 400 and 600 , bar version available in stock

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

XCKD Limit Switches



- Metal body
- Conforming to IEC60947-5-1, EN60947-5-1, UL 508, CSA
- C22-2 n°14 standards
- Degree of Protection - IP67
- Tapped entry for n°11 cable gland
- 2 pole N/O + N/C, snap action contact available as standard (3 output contacts also available in same size and replaceable at site)

Description	number of Poles	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO		XCKD2102G11 ☒	1678
Cat's whisker - 1 NC + 1 NO		XCKD2106G11	1751
Steel end plunger - 1 NC + 1 NO		XCKD2110G11	2076
Thermoplastic roller lever - 1 NC + 1 NO		XCKD2118G11 ☒	2048
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO		XCKD2121G11 ☒	1872
Thermoplastic adjustable roller lever - 1 NC + 1 NO		XCKD2145G11 ☒	1751
Sub-assemblies Metal Bodies for XCKD			
Body ZCD 1 NC + 1 NO Snap Action	2	ZCD21 ☒	1903
Body ZCD 2 NC + 1 NO Snap Action	3	ZCD39	2185
Gland and Head for ZCD Bodies			
Cable gland entry Pg 11 - metal body		ZCDEG11	175
Head for Limit switch - ZCE without operating lever		ZCE01 ☒	523
Steel roller plunger		ZCE02 ☒	692
Cat's whisker		ZCE06	930
Steel end plunger		ZCE10	551
Thermoplastic roller lever plunger, horizontal direction		ZCE21 ☒	882
Thermoplastic roller lever ZCY		ZCY18*	135
Steel roller lever ZCY		ZCY19*	430
Variable length thermoplastic roller lever		ZCY45* ☒	420
*To be used with head ZCE01			
Contact block for ZCD bodies			
1NO + 1NC	2	XE2SP2151 ☒	612
1NO + 2NC	3	XE3SP2141	1509

XCK-M Limit Switches



- 1 NO + 1 N/C with positive opening operation
- Heavy duty oil-tight to IP 665
- Up to 20 million operations

Description	Reference	Unit LP [₹]
Body		
Body - 1 NC + 1 NO - terminals	ZCKM1 ☒	1369
Spare contacts	XE2SP2151 ☒	612
For ordering complete limit switches, please select body and head listed above		
Head		
Head - steel roller plunger	ZCKD02 ☒	746
Head - cat's whisker	ZCKD06 ☒	821
Head - spring rod lever	ZCKD08 ☒	844
Head - steel end plunger	ZCKD10 ☒	435
Delrin roller lever head	ZCKD15 ☒	902
Delrin roller lever plunger head	ZCKD21 ☒	844
Steel roller lever plunger head	ZCKD23	1063
Variable length Delrin roller lever	ZCKD41 ☒	1103

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

XCK-P Thermoplastic



Conforming to IEC 947-5-1
Degree of Protection - IP 653
Double insulated
Class II conforming to IEC 536
15 million mechanical durability
1 NO+1 NC 2 pole snap action contacts with positive opening

Description	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO	XCKP2102G11 ☒	1213
Cat's whisker - 1 NC + 1 NO	XCKP2106G11 ☒	1780
Steel end plunger - 1 NC + 1 NO	XCKP2110G11 ☒	1008
Delrin roller lever ⁽¹⁾	XCKP2118G11 ☒	1038
Delrin roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKP2121G11 ☒	1246
Delrin roller lever plunger, vertical direction - 1 NC + 1 NO	XCKP2127G11 ☒	1859
Adjustable roller lever - 1 NC + 1 NO (1) (Variable Length)	XCKP2145G11 ☒	1213
Spare contact block	XE2SP2151 ☒	612

Note : 1 tapped entry for size 11 cable gland
(1) Adjustable through 360° in 5 steps

XCMD Metal, compact



Conforming to IEC 947-5-1
IP 67 conforming to IEC 529
Pre-cabled, 5 x 0.75 mm²
Single pole 1 C/O contact, snap action

Description	Reference	Unit LP [₹]
Steel roller plunger	XCMD2102L1 ☒	2660
Metal end plunger	XCMD2110L1 ☒	2347
Thermoplastic roller lever	XCMD2115L1 ☒	2426

XCK - J Metal



1NO + 1NC
Snap action
Positive opening operation
30 million operations
Heavy Duty Oil Tight to IP 667
Accuracy = 0.01 mm

Description	Reference	Unit LP [₹]
Head - without operating lever - Rotary head	ZCKE05 ☒	1536
Head - cat's whisker	ZCKE06 ☒	1547
Head - spring rod lever	ZCKE08 ☒	1678
Head - steel roller lever	ZCKE23	2717
Head - metal end plunger	ZCKE61	1316
Head - reinforced end plunger	ZCKE67 ☒	2192
Body - 1 NC + 1 NO - terminals	ZCKJ1 ☒	1848
Body - 2 OC - terminals 2 NO + 2 NC	ZCKJ2 ☒	2996
Steel roller lever	ZCKY13 ☒	397
Delrin roller lever Ø 50 mm	ZCKY41 ☒	580
Nylon round rod Ø 6 mm	ZCKY59 ☒	334
spare contacts	XE2SP2151 ☒	612

Note:

- For ordering complete Limit Switches, please select body, head and, if necessary, roller listed above

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

☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019

Tiger Limit Switches

XCJ-Thermoplastic



Conforming to IEC 947-5-1
Degree of Protection - IP 54
10 Million Mechanical durability
Operating frequency 7200 ops/hr
Light Duty application

Description	Type of Approach	Reference	Unit LP [₹]
Steel roller plunger - 1OC	For lateral cam movement	XCJ102 ✓	851
Steel roller plunger	For transverse cam movement	XCJ103 ✓	906
Steel end plunger	Vertical cam approach	XCJ110 ✓	760
Short flat roller lever plunger	One way operation	XCJ121	1139
Short flat lever plunger		XCJ125	617
Long flat lever plunger		XCJ126 ✓	706
short roller lever plunger - flat		XCJ127 ✓	635
Long roller lever plunger - flat		XCJ128 ✓	712

XCE-Metal Zinc Alloy



Conforming to IEC 947-5-1
Degree of Protection - IP 65
15 Million Mechanical durability
Operating frequency 7200 ops/hr
Medium Duty application

Description	Reference	Unit LP [₹]
Steel roller plunger for lateral cam movement	XCE102 ✓	1202
Steel end plunger	XCE110 ✓	1103
Thermoplastic roller lever	XCE118 ✓	1235
Variable length thermoplastic roller lever	XCE145 ✓	1497
Round rod Ø3 mm steel rod	XCE154	2160
Spring rod lever	XCE181	1437

XCKN Limit Switches



Plastic body
Conforming to IEC60947-5-1, EN60947-5-1, UL 508, CSA
C22-2 n°14 standards
Degree of Protection - IP65
Tapped entry for n°11 cable gland
2 pole N/C + N/O, snap action

Description	Type of Approach	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO	Lateral cam approach 2 directions	XCKN2102G11 ✓	851
Cat's whisker - 1 NC + 1 NO	Multi-directional approach	XCKN2106G11 ✓	942
Spring lever - 1 NC + 1 NO	Multi-directional approach	XCKN2108G11 ✓	1402
Steel end plunger - 1 NC + 1 NO	Vertical approach 1 direction	XCKN2110G11 ✓	664
Thermoplastic roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2118G11 ✓	749
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO	Lateral approach 1 direction	XCKN2121G11 ✓	868
Variable length adjustable roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2145G11 ✓	835
Variable length adjustable Thermoplastic roller lever Ø 50 mm - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2149G11 ✓	1026

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

✓ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

XCMN Limit Switches



Miniature design
Conforming to IEC60947-5-1, EN60947, UL 508, CSA C22-2 n°14 standards
Degree of Protection - IP65
Plastic body with metal head
1 metre PVR cable supplied as standard (4 x 0.75mm²)
2 pole N/C + N/O, snap action contact
Mechanical durability - 5 million operating cycles

Description	Reference	Unit LP [₹]
Steel roller plunger for lateral cam approach	XCMN2102L1 ☒	1724
Cat's whisker - 1 NC + 1 NO	XCMN2106L1	1741
Steel end plunger	XCMN2110L1	1497
Thermoplastic roller lever - 1 NC + 1 NO	XCMN2115L1	1654
roller lever plunger - 1 NC + 1 NO - one direction actuation	XCMN2121L1	1944
Thermoplastic adjustable roller lever - 1 NC + 1 NO	XCMN2145L1	1884

XCKMR (Metal) Limit Switches



For Hoisting & material handling Application
3 Cable Entry

Type of Operator	Contact Type	Cable Entry	Reference	Unit LP [₹]
With Cruciform metal rod	2x2 pole NC + NC Staggered	M20 x 1.5	XCKMR54D1H29 ☒	9582
With Cruciform metal rod	2x2 pole NC + NC Staggered	PG 13 Cable Gland	XCKMR54D1 ☒	10855

XCKVR (Plastic) Limit Switch



Type of Operator	Contact Type	Cable Entry	Reference	Unit LP [₹]
With cruciform metal rod	2x2 pole NC+NC staggered	M20x1.5	XCKVR54D1H29 ☒	4454

Conveyor Belt Shift Monitoring Switches



Type of Operator	Tripping Angle	Reference	Unit LP [₹]
Spring return roller zinc plated steel with lever for corrosive atmosphere	10° fault signalling 18° stopping of the conveyor belt	XCRT115	15287
Spring return roller stainless steel with lever	10° fault signalling 18° stopping of the conveyor belt	XCRT215	32818
Spring Return steel roller lever	23° Stopping of the Conveyor Belt (1 C/O)	XCKJ105217H29	3973

Note:

- Accuracy = 0.05 mm
- 3 cable entries tapped for CM10 cable glands

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

XCKM.LC Metal



1NO + 1NC Snap action
10 millions operations
Heavy Duty Oil tight IP66, IK05

Operation type	Connection	Reference	Unit LP [₹]
Metal end plunger	Pg11	XCKM110LC ☒	857
Metal end plunger	M20	XCKM110H29LC	797
Steel roller plunger	PG11	XCKM102LC ☒	771
Steel roller plunger	M20	XCKM102H29LC	1488
Steel roller lever	Pg11	XCKM116LC ☒	857
Steel roller lever	M20	XCKM116H29LC	1150
Steel roller lever Horizontal actuation	Pg11	XCKM2023LC ☒	783
Steel roller lever Horizontal actuation	M20	XCKM2023H29LC	869

XCKJ.LC



1NO + 1NC
Snap action
10 million operations
Heavy Duty Oil Tight to IK07, IP66, IP67

Operation Type	Connection	Reference	Unit LP [₹]
Metal end plunger	M20	XCKJ161H29LC ☒	1395
Metal end plunger	Pg 13.5	XCKJ161LC ☒	1235
Steel roller plunger	M20	XCKJ167H29LC ☒	1273
Steel roller plunger	Pg 13.5	XCKJ167LC ☒	1273
Thermoplastic roller lever	M20	XCKJ10511H29LC	1874
Thermoplastic roller lever	Pg13.5	XCKJ10511LC	1244
Steel roller lever	M20	XCKJ10513H29LC ☒	1202
Steel roller lever	Pg13.5	XCKJ10513LC ☒	1191
Var.length Thermoplastic roller lever	M20	XCKJ10541H29LC	1591
Var.length Thermoplastic roller lever	Pg13.5	XCKJ10541LC	1591
Polyamide 6 mm rod lever	M20	XCKJ10559H29LC	1424
Polyamide 6 mm rod lever	Pg.13.5	XCKJ10559LC ☒	1780
Var.length Steel roller lever	M20	XCKJ10543H29LC ☒	1244
Var.length Steel roller lever	Pg13.5	XCKJ10543LC ☒	1136

XCK-T Thermoplastic



Conforming to IEC 947-5-1
Degree of Protection - IP 653
Double insulated
Class II conforming to IEC 536
15 Million Mechanical durability
1 NO+1 NC 2 pole snap action contacts with positive opening

Description	Reference	Unit LP [₹]
Steel roller plunger - 1 NC + 1 NO	XCKT2102G11	1630
Steel end plunger - 1 NC + 1 NO	XCKT2110G11	1948
Delrin - roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKT2121G11	1630

Note : 2 tapped entries for size 11 cable glands
(1) Adjustable through 360° in 5 steps

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Wireless and Batteryless OsiSense XCKW



Uses Zigbee® protocol for best-in-class communication performance

Up to 100m distance in open field

Up to 32 transmitters per receiver (ZBRRD and ZBRRD receivers)

Top performance with access point receiver:

- Through Modbus serial
- Through Modbus/TCP protocol

Operation	Reference	Unit LP [₹]
Metal end plunger	XCKW101	On Request
Steel roller plunger	XCKW102	On Request
Plastic roller lever	XCKW131	On Request
Elastomer roller Ø 50mm lever	XCKW139	On Request
Variable length roller lever	XCKW141	On Request
Variable length elastomer roller Ø 50mm lever	XCKW149	On Request
Plastic round Ø 6mm lever	XCKW159	On Request
Pack composed of transmitter XCKW102 and receiver ZBRRD	XCKWD02	On Request
Pack composed of transmitter XCKW131 and receiver ZBRRD	XCKWD31	On Request

Safety Detection Solution



Guard Switch, Actuator Operated

Plastic, Turret Head

Mechanical Durability = >1 Million operating cycle

NC contact with positive opening

Operation	Cable Entry	Reference	Unit LP [₹]
3 Pole NC+ NC + NO - Snap Action	Pg 11	XCSPA491	2753
2 Pole NC + NO - Break Before Make, Slow Break	Pg 11	XCSPA591	2089
2 Pole NC + NO - Break Before Make, Slow Break	½" NTP	XCSPA592 ☒	1839
2 Pole NC + NC - Slow Break	Pg 11	XCSPA791	2053
2 Pole NC + NC - Slow Break	½" NTP	XCSPA792	2053
3 Pole NC+ NO + NO - Slow Break (2NO Staggered)	Pg11	XCSTA591 ☒	2548

XCS LE /LF Safety Solenoid Interlock



Body Type	Contacts	Voltage	Locking	Reference	Unit LP [₹]
Metal	NO + NC	24V AC/DC	On de-energisation	XCSLF2525312	15021
Plastic	NO + NC	24V AC/DC	On de-energisation	XCSLE2525312 ☒	12522
Plastic	NC + NC + NO	24V AC/DC	On de-energisation	XCSLE3737312	15154

XCSDM Safety coded Magnetic Switch



Contact*	Body Size	Connection	Reference	Unit LP [₹]
2-pole 1 NC + 1 NO (staggered)	Compact 51 x 16 x 7	2m Cable	XCSDMC5902 ☒	4359
2-pole 1 NO + 1 NO (staggered)	Compact 51 x 16 x 7	2m Cable	XCSDMC7902	4432
2-pole 1 NC + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP5902	3484
2-pole 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP7902	3852
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP700L01M12	8489
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP701L01M12	5905
2-pole 1 NC + 1 NO (staggered)	Cylindrical D=30, L= 38.5	M12 Connector	XCSDMR590L01M12	5349

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Specifications: Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15 mm

[Sn] nominal sensing distance	Sensor design	Discrete output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
1.5mm	M8	1 NO	NPN	XS108BLNAL2	1389
			PNP	XS108BLPAL2 ☒	1145
				XS108BLPAM12 ☒	1233
				XS108BLPAM8	1256
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
2.5mm	M8	1 NO	NPN	XS208BLNAL2 ☒	1461
			PNP	XS208BLPAL2 ☒	1474
				XS208BLPAM12	2168
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
2mm	M12	1NC	PNP	XS112BLPBL2 ☒	1964
		1 NO	NPN	XS112BLNAL2 ☒	1055
			PNP	XS112BLNAM12	1340
				XS112BLPAL2 ☒	1013
				XS112BLPAM12 ☒	984

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Specifications : Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15mm

[Sn] nominal sensing distance	Sensor design	Discrete output function	Discrete Output type	Reference	Unit LP [₹]			
Two Wire - 12-240V AC Metal, Flush Mountable - Threaded								
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded								
4 mm	M12	1 NC	NPN	XS212BLNBL2	1244			
			PNP	XS212BLPBL2	1352			
		1 NO	NPN	XS212BLNAL2	1006			
			NPN	XS212BLNAM12	1558			
			PNP	XS212BLPAL2	1003			
			PNP	XS212BLPAL5	1328			
			PNP	XS212BLPAM12	1172			
			Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
5 mm	M18	1NC	PNP	XS118BLPBL2	1497			
			NPN	XS118BLNAL2	1172			
		1 NO		XS118BLNAM12	1582			
				XS118BLPAL2	1055			
			PNP	XS118BLPAL5	2113			
				XS118BLPAM12	1512			
			Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
			8 mm	M18	1 NO	NPN	XS218BLNAL2	1025
XS218BLNAL5	1920							
XS218BLNAM12	1547							
PNP	XS218BLPAL2	1003						
	XS218BLPAL5	1328						
	XS218BLPAM12	1123						

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Specifications : Metal/Plastic Body, Precabled, Universal M8, M12 connector, Sensing Distance: Upto 15mm

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
10mm	M30	1NC	PNP	XS130BLPBL2	2017
		1 NO	NPN	XS130BLNAL2 ☒	1956
			PNP	XS130BLPAL2 ☒	1146
				XS130BLPAM12	2004
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
15mm	M30	1NC	PNP	XS230BLPBL2	1280
		1 NO	NPN	XS230BLNAL2	1784
			PNP	XS230BLPAL2 ☒	1114
				XS230BLPAL5	1922
				XS230BLPAM12	2017

Note :

1. L2 stands for sensors with 2m cable
2. L5 stands for sensors with 5m cable
3. L10 stands for sensors with 10m cable
4. M8 & M12 stand for universal connectors.
5. Connectors to be ordered seperately.

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

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W.E.F. January 18th, 2019

Extended Sensing Range

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Discrete Output type	Reference	Unit LP [₹]
Three Wire Metal 10-36V DC, Flush Mountable - Threaded					
2.5 mm (Length 51 mm)	M8	1 NO	PNP	XS608B1PAL2	3550
2.5 mm (Length 51 mm)	M8	1 NO	PNP	XS608B1PAM12 ☒	3333
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAL2 ☒	2946
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAM12 ☒	2515
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAL2 ☒	3377
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAM12 ☒	3079
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAL2 ☒	4032
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAM12 ☒	3830
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
4 mm	M12	1 NO	PNP	XS112B3PAL2	2149
				XS112B3PAM12 ☒	1841
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
8 mm	M18	1 NO	PNP	XS118B3PAL2	2379
				XS118B3PAM12	2914
8 mm	M18	1 NO	PNP	XS118B3PAL2	2379
				XS118B3PAM12	2914
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
15 mm	M30	1 NO	PNP	XS130B3PAM12	2500

Multi Current/Multi Voltage sensor for AC/DC Application 2 Wire, Supply voltage 20...264 LED Out Put State Indicator

[Sn] Nominal sensing distance	Sensor design	Discrete Output function	Reference	Unit LP [₹]
4 mm	M12	NO	XS612B1MAL2 ☒	5796
8 mm	M18	NO	XS618B1MAL2 ☒	4096
15 mm	M30	NO	XS630B1MAL2 ☒	4497
Multi Current/Multi voltage Sensor for AC/DC Application 2 wire connection Supply voltage 20...264 V				
Flush-Non flush mountable via teach mode				
25 mm	40 x 40 x 15	AC/DC NO	XS8C1A1MAL2	8317
60 mm	80 x 80 x 26	AC/DC NO	XS8D1A1MAL2	12147

Speed Rotation Monitoring Proximity Switches

[Us] Rated Supply voltage	Switching capacity	Wiring technique	[Sn] Sensing distance	Operating zone	Adjustable Freq. Impulse/min	Reference	Unit LP [₹]
24...210 V DC	5...200 mA DC	2-wire AC/DC	10 mm	0...8 mm	6...150	XSAV11801 ☒	11540
24...240 V AC 50/60 Hz	5...350 mA AC				120...3000	XSAV12801 ☒	19046
12...48 V DC	≤ 200 mA overload and short-circuit protection	3-wire DC PNP	10 mm	0...8 mm	6...150	XSAV11373 ☒	16049
					120...3000	XSAV12373 ☒	12839

Accessories

Description	Sensor Design	Reference	Unit LP [₹]
Fixing for cylindrical sensor	m18	XSZB118	616

XS Flat Type [Inductive Sensors]

Rated Supply voltage-12...24V DC



Description	Output Function	Switching capacity in mA	[Sn] Sensing distance	Reference	Unit LP [₹]
Flat form 40x40x15	PNP [NO], 3-wire	<=100 mA	Flush-15mm	XS7C1A1PAL2	3248
Flat form 80x80x26	PNP [NO], 3-wire	<=100 mA	Flush-40mm	XS7D1A1PAL2	4516
Flat form 40x40x15	PNP [NO], 3-wire	<=200mA	Non-Flush-25mm	XS8C1A1PAL2	12844
Flat form 80x80x26	PNP [NO], 3-wire	<=200mA	Non-Flush-60mm	XS8D1A1PAL2	7916



XS Cubic C2 Form



XS Turret Form

Sensing range	Output	Connection	Reference	Unit LP [₹]
XS Cubic C2 Form				
15mm	1 NO	Terminal	XS7C2A1PAM12	2801
20mm	1 NO + 1NC	Terminal	XS8C2A1PCM12	3550
40mm	1 NO + 1NC	Terminal	XS8C2A4PCM12 ☒	4081
XS Turret Form				
15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1DPG13	5015
15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1MPG13 ☒	5670
20mm	1NO+ 1NC	Terminals	XS8C4A1PCG13 ☒	4987
20mm	1NO+ 1NC	Terminals	XS8C4A1PCP20	6158
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1DPG13	11745
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	7970
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPP20	6376
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	7970

XT Capacitive sensor

Sensing range	Output	Connection	Reference	Unit LP [₹]
8mm	1 NO	2M Cable	XT218A1PAL2	3260
8mm	1NC + NO	M12 Connector	XT218A1PCM12 ☒	3236
15mm	1NO	2M Cable	XT230A1PAL2 ☒	3562
15mm	1NO + 1 NC	M12 connector	XT230A1PCM12	3341

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

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W.E.F. January 18th, 2019

OsiSense Ultrasonic XX



3 wire connection
Supply voltage 10-28 V DC
Plastic case

[Sn] Nominal Sensing Distance	Sensor Design	Discrete Output Function	Reference	Unit LP [₹]
50 cm	M18	PNP NO	XX518A3PAM12	10421
1 m	M30	PNP NO	XX6V3A1PAM12 ☒	12606

Sensors with analogue output for DC application

4 wire connection
Supply voltage 10..28 V DC
M12 Connector
Plastic Case

8 m	M30	4..20 mA	XX930A3A2M12	29837
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OsiSense XX



Ultrasonic Sensor for monitoring 2 levels

Sensing Distance	Output	Connection	Reference	Unit LP [₹]
0.5m	PNP [NO]	M12	XX218A3PHM12	11897



Connector Type	Connection	Shape	Length	Reference	Unit LP [₹]
Osi Sense XZ PUR cable Industrial high end use Nominal Current 4A Matt Black Colour Operation temperature -35 .. +90OC IP 67					
PUR Pre-wired connector	M8, 3 pins	Straight	2m	XZCP0566L2	712
PUR Pre-wired connector	M8, 3 pins	Straight	5m	XZCP0566L5	919
PUR Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCP0666L5	1026
PUR Pre-wired connector	M8, 4 pins	Straight	2m	XZCP0941L2	821
PUR Pre-wired connector	M8, 4 pins	Straight	5m	XZCP0941L5	1026
PUR Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCP1041L2	821
PUR Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCP1041L5	1026
PUR Pre-wired connector	M12, 4 pins	Straight	2m	XZCP1141L2	684
PUR Pre-wired connector	M12, 4 pins	Straight	5m	XZCP1141L5	1071
PUR Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCP1241L2	725
PUR Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCP1241L5	1276
Osi Sense XZ PVC Cable • General use • Nominal Current 3A • Grey Colour • Operating temperature -25..+80°C • IP 65					
PVC Pre-wired connector	M8, 3 pins	Straight	2m	XZCPV0566L2	640
PVC Pre-wired connector	M8, 3 pins	Straight	5m	XZCPV0566L5	652
PVC Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCPV0666L5	982
PVC Pre-wired connector	M8, 4 pins	Straight	2m	XZCPV0941L2	616
PVC Pre-wired connector	M8, 4 pins	Straight	5m	XZCPV0941L5	1107
PVC Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCPV1041L2	676
PVC Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCPV1041L5	773
PVC Pre-wired connector	M12, 4 pins	Straight	2m	XZCPV1141L2	480
PVC Pre-wired connector	M12, 4 pins	Straight	5m	XZCPV1141L5	624
PVC Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCPV1241L2	548
PVC Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCPV1241L5	612
Osi Sense XZ Connector • Protection IP67 • Connection Type Screw Threaded					
Male connector	M12, 4 Pin	Straight		XZCC12MDM40B	386
Male connector	M12, 4 Pin	Elbowed		XZCC12MCM40B	423
Male connector	M12, 5 Pin	Straight		XZCC12MDM50B	854
Male connector	M12, 5 Pin	Elbowed		XZCC12MCM50B	854
Female connector	M12, 4 Pin	Straight		XZCC12FDM40B	379
Female connector	M12, 4 Pin	Elbowed		XZCC12FCM40B	386

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

NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

A Complete Solution

Sensors → Interface → Cloud → Application

1st step: Electromechanical Sensors

Limit Switches



Pressure Switches



Safety Switches



Working as an interface between the sensor and the cloud. Communication done in Low Power Wan



Focused on Operated Network:



The first company already present to provide an IOT network



Watch information

be informed when Event happened or Check status of one sensor

Reference

XIOT11SE0MRCL (Transmitter only)

XIOT11SE5MRCL (Prepaid 5-year access to Cloud)

XIOT11SERMRCL (Subscription services)

Coming
Soon

Industrial PC and Displays



- Our comprehensive Magelis iPC range offers industrial PCs for improved productivity and an enhanced user experience. Choose the right industrial PC for your environment, from our wide range and be confident that they are designed to last

Product description	Reference	Unit LP [₹]
Box PC Perf. HDD DC Win 8.1 2 slots	HMIBMPHI74D2801	On Request
Box PC Perf. HDD DC Win 8.1 4 slots	HMIBMPHI74D4801	On Request
Box PC Perf. SSD DC Win 7 4 slots	HMIBMPSI74D470L	On Request
Box PC Perf. SSD DC Win 8.1 4 slots	HMIBMPSI74D4801	On Request
Box PC Univ. DC Base unit 4Gb 2 slots	HMIBMU0I29D2001	On Request
Box PC Universal CFast DC WES 2 slots	HMIBMUCI29D2W01	On Request
Box PC Universal HDD DC Win 8.1 2 slots	HMIBMUHI29D2801	On Request
Box PC Universal HDD DC Win 8.1 4 slots	HMIBMUHI29D4801	On Request
Box PC Universal SSD DC Win 8.1 2 slots	HMIBMUSI29D2801	On Request
S-BOX PC Optimized CFast DC 1 slot	HMIBSOCND1E01	On Request
S-BOX PC Universal No OS DC 1 slot	HMIBSU0ND1001	On Request
S-BOX PC Universal CFast DC 1 slot	HMIBSUCND1W01	On Request
S-BOX PC Universal SSD DC 1 slot	HMIBSUSND1W01	On Request
Box PC Universal Hard Disk DC 2 slots	HMIBUHND2P01	On Request
iDisplay monitor 12" Touch DC DVI	HMIDID64DTD1	On Request
iDisplay monitor 15" Touch DC DVI	HMIDID73DTD1	On Request
Display PC 4:3 12" single t. for HMIBM	HMIDM6421	On Request
Display PC Wide 12" multi-t. for HMIBM	HMIDM6521	On Request
Display PC 4:3 15" single t. for HMIBM	HMIDM7421	On Request
Display PC Wide 15" multi-t. for HMIBM	HMIDM7521	On Request
Display PC Wide 19" multi-t. for HMIBM	HMIDM9521	On Request
Display PC Wide 22" multi-t. for HMIBM	HMIDMA521	On Request
Enclosed PC Perf. W19 DC - Base unit	HMIPPEP0952D1001	On Request
Enclosed PC Perf. SSD W19 DC Win 8.1	HMIPPEPS952D1801	On Request
Panel PC 12" Performance - Base unit	HMIPPO6D0001	On Request
Panel PC Perform. SSD 12" AC 2 slots	HMIPPF6A2701	On Request
Panel PC Perform. F.Disk 15" AC 2 slots	HMIPPF7A2701	On Request
Panel PC Perform. HDD 12" AC 2 slots	HMIPPH6A2701	On Request
Panel PC Perform. H.Disk 15" AC 0 slot	HMIPPH7A0701	On Request
Panel PC Perf 15" stainless HDD AC 2 slt	HMIPRH7A2701	On Request
S-Panel PC Optimized W10 DC - Base unit	HMIPSO0552D1001	On Request
S-Panel PC Optimized W15 DC - Base unit	HMIPSO0752D1001	On Request
S-Panel PC Optimized CFast W15 DC WES	HMIPSOC752D1W01	On Request
S-Panel PC Optimized HDD W10 DC Win 8.1	HMIPSOH552D1801	On Request
S-Panel PC Optimized HDD W15 DC Win 8.1	HMIPSOH752D1801	On Request
S-Panel PC Optimized SSD W10 DC Win 8.1	HMIPSO5552D1801	On Request
S-Panel PC Optimized SSD W15 DC Win 8.1	HMIPSO5752D1801	On Request
S-Panel PC Performance W15 DC -Base unit	HMIPSP0752D1001	On Request
S-Panel PC Performance W19 DC -Base unit	HMIPSP0952D1001	On Request
S-Panel PC Perf. CFast W15 DC WES	HMIPSPC752D1W01	On Request
S-Panel PC Perf. CFast W19 DC WES	HMIPSPC952D1W01	On Request
S-Panel PC Performance HDD W15 DC Win8.1	HMIPSPH752D1801	On Request
S-Panel PC Performance HDD W19 DC Win8.1	HMIPSPH952D1801	On Request
S-Panel PC Performance SSD W15 DC Win8.1	HMIPSPS752D1801	On Request
S-Panel PC Performance SSD W19 DC Win8.1	HMIPSPS952D1801	On Request
Panel PC Univ 15" stainless HDD DC 2 slt	HMIPTH7D2P01	On Request
Panel PC 12" Universal - Base unit	HMIPU06D0001	On Request
Panel PC Universal CFast 12" AC 0 slot	HMIPUC6A0E01	On Request
Panel PC Universal CFast 12" DC 0 slot	HMIPUC6D0E01	On Request
Panel PC Universal SSD 12" AC 0 slot	HMIPUF6A0701	On Request
Panel PC Universal SSD 12" DC 0 slot	HMIPUF6D0701	On Request
Panel PC Universal HDD 12" AC 0 slot	HMIPUH6A0701	On Request
Panel PC Universal HDD 12" DC 0 slot	HMIPUH6D0701	On Request
Panel PC Univ. H.Disk 15" DC 2 slots	HMIPUH7D2P01	On Request
Panel PC Universal H.Disk 19" AC 0 slot	HMIPUH9A0P01	On Request
Panel PC Universal H.Disk 19" AC 2 slots	HMIPUH9A2P01	On Request
Panel PC Univ. H.Disk 19" DC 2 slots	HMIPUH9D2P01	On Request
Panel PC Optimum Compact Flash 15" DC	HMIPWC7D0E01	On Request

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

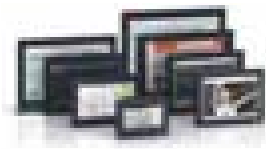
☒ **NORMAL STOCK ITEMS**

W.E.F. January 18th, 2019

RACK IPC

Product description	Reference	Unit LP [₹]
Rack PC 2U Optimized HDD AC 3 slots	HMIRSOHPA3W01	On Request
Rack PC 4U Performance SSD AC 6 slots	HMIRSPFXA6701	On Request
Rack PC 4U Perf. SSD AC redund. 6 slots	HMIRSPFXR6702	On Request
Rack PC 4U Performance HDD AC 6 slots	HMIRSPHXA6701	On Request
Rack PC 4U Perf. HDD AC 6 slots PES	HMIRSPHXA67P1	On Request
Rack PC 4U Perf. HDD AC 6 slots server	HMIRSPSXR6S01	On Request
Rack PC 4U Perf. HDD AC 6 slots server	HMIRSPSXR6T01	On Request
Rack PC 2U Universal HDD AC 3 slots	HMIRSUH3A3701	On Request
Rack PC 2U Universal SSD AC 3 slots	HMIRSUS3A3701	On Request
Vijeo XD RT, printed	HMIRTWCZLSPMZZ	On Request
Rack PC 2U Optim. HDD AC 3 slots No OS	HMIRXOHCA3001	On Request
Rack PC 2U Optimized HDD AC 3 slots	HMIRXOHCA3W01	On Request

Magelis GTU



- High performance modular HMI
- Modular HMI with smartphone-like interface and Wireless technology: Unmatched comfort of use without compromise on performance and openness

Product description	Reference	Unit LP [₹]
7W Touch Advanced Display WVGA	HMIDT351	On request
10.4 Touch Smart Display SVGA	HMIDT542	On request
10W Touch Advanced Display WXGA	HMIDT551	On request
12.1 Touch Smart Display XGA	HMIDT642	On request
12W Touch Advanced Display WXGA	HMIDT651	On request
15 Touch Smart Display XGA	HMIDT732	On request
HMIDT732 Coated	HMIDT732FC	On request
15W Touch Smart Display FWXGA	HMIDT752	On request
19W Touch Smart Display FWXGA	HMIDT952	On request
Premium BOX for Universal Panel	HMIG3U	On request
HMIG3U Coated	HMIG3UFC	On request
Open BOX for Universal Panel	HMIG5U	On request
Open BOX for Universal Panel	HMIG5U2	On request
Magelis GTU Open BOX for Vijeo XL	HMIG5UL8A	On request

Magelis SCU



- Cut out free HMI controller
Magelis SCU controller delivers adequate functionality for control of small machines and simple processes, while saving up to 30% in installation and ownership costs

Product description	Reference	Unit LP [₹]
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

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

HMI Panels with Optimised Features



Product description	Reference	Unit LP (₹)
5.7 Keypad Panel QVGA-TFT	HMIGK2310	On request
10.4 Keypad Panel VGA-TFT	HMIGK5310	On request
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 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
STU rear module	HMIS5T	On request
STU 3in5 front module	HMIS65	On request
STU3in5 front module w/o mark on overlay	HMIS65W	On request
STU 5in7 front module	HMIS85	On request
STU5in7 front module w/o mark on overlay	HMIS85W	On request
REAR MODULE SMALL CONTROLLER MACHINE	HMISAC	On request
REAR MODULE SMALL CONTROLLER PROCESS	HMISBC	On request
TOUCH PANEL SCREEN 3"4 MONOCHROME G/O/R	HMISTO511	On request
TOUCH PANEL SCREEN 3"4 MONOCHROME W/P/R	HMISTO512	On request
Touch Panel Screen 3"4 Mono ETH G/O/R	HMISTO531	On request
Touch Panel Screen 3"4 Mono ETH W/P/R	HMISTO532	On request
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
Customized STO735	HMISTO735AG	On request
Touch Panel Screen 3"5 Color	HMISTU655	On request
STU 3in5 without marking on overlay	HMISTU655W	On request
Touch Panel Screen 5"7 Color	HMISTU855	On request
STU 5in7 without marking on overlay	HMISTU855W	On request

Magelis Easy GXU



- Reliable and cost-effective touch-screen terminals
Tailored to meet the challenges faced by new economies:
<001F> t for purpose at affordable prices with no compromise on ease of use, robustness, and availability.

Product description	Reference	Unit LP (₹)
GXU Touch Panel, 7"W TFT, SL only	HMIGXU3500	On Request
GXU Touch Panel, 7"W TFT, SL + ETH	HMIGXU3512	On Request
GXU Touch Panel, 10"W TFT, SL only	HMIGXU5500	On Request
GXU Touch Panel, 10"W TFT, SL + ETH	HMIGXU5512	On Request

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

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Magelis Easy GXU



- EcoStruxure™ Operator Terminal Expert
Touchscreen configuration software with the latest UI design and gestures
EcoStruxure Operator Terminal Expert™ (formerly known as Vijeo XD)
configuration software enables you to create and edit application Magelis HMIs and iPCs screens
- EcoStruxure™ Machine SCADA Expert
Lite SCADA for line management
Vijeo Designer
Configuration software for the complete HMI range
HMI configuration software
- EcoStruxure Machine SCADA Expert (formerly known as Vijeo XL) is a powerful software for developing HMI, SCADA, OEE and Dashboard projects dedicated to Line Management & Lite Supervision applications to run in Magelis Industrial PC and GTU Open Box. The bundle offer «Magelis Industrial PC and GTU Open Box» saves you time and resources on validation of hardware, software and OS.

Vijeo XD

Product description	Reference	Unit LP (₹)
Vijeo XD Pro License	HMIPELCZLSPMZZ	On Request
Vijeo XD Pro License Vendor	HMIPELVZLSPMZZ	On Request
Vijeo XD Pro License Vendor	HMIPELVZLSPMZZ	On Request

EcoStruxure™ Machine SCADA Expert

Product description	Reference	Unit LP (₹)
Vijeo XL 1.5K 3rd-PC RT License	HMIVXL3PRT1KLV80	On Request
Vijeo XL 32K 3rd-PC RT License	HMIVXL3PRT32KLV80	On Request
Vijeo XL 4K 3rd-PC RT License	HMIVXL3PRT4KLV80	On Request
Vijeo XL 64K 3rd-PC RT License	HMIVXL3PRT64KLV80	On Request
Upgrade License 3rd-PC RT 4K to 32K	HMIVXL3PUG32KRT	On Request
Upgrade License 3rd-PC RT 1.5K to 4K	HMIVXL3PUG4KRT	On Request
Upgrade License 3rd-PC RT 32K to 64K	HMIVXL3PUG64KRT	On Request
Vijeo XL BT DVD 1.5K	HMIVXLB1KDV80	On Request
Vijeo XL BT License 1.5K	HMIVXLB1KLV80	On Request
Vijeo XL 32K BT DVD	HMIVXLB32KDV80	On Request
Vijeo XL 32K BT License	HMIVXLB32KLV80	On Request
Vijeo XL BT DVD 4K	HMIVXLB4KDV80	On Request
Vijeo XL BT License 4K	HMIVXLB4KLV80	On Request
Vijeo XL BT DVD 64K	HMIVXLB64KDV80	On Request
Vijeo XL BT License 64K	HMIVXLB64KLV80	On Request
FactoryTalk Import Wizard	HMIVXLFTTK	On Request
Vijeo XL MA License 4	HMIVXLMA4LV80	On Request
Vijeo XL MA License 8	HMIVXLMA8LV80	On Request
PanelBuilder Import Wizard	HMIVXLPBTK	On Request
PanelMate Import Wizard	HMIVXLPMTK	On Request
Vijeo XL RT License 1.5K	HMIVXLRT1KLV80	On Request
Vijeo XL 32K RT License	HMIVXLRT32KLV80	On Request
Vijeo XL RT License 4K	HMIVXLRT4KLV80	On Request
Vijeo XL RT License 64K	HMIVXLRT64KLV80	On Request
Secure Viewer 4 License	HMIVXLSV4LV80	On Request
Upgrade License BT 4K to 32K	HMIVXLUG32KBT	On Request
Upgrade License RT 4K to 32K	HMIVXLUG32KRT	On Request
Upgrade License BT 1.5K to 4K	HMIVXLUG4KBT	On Request
Upgrade License RT 1.5K to 4K	HMIVXLUG4KRT	On Request
Upgrade License BT 32K to 64K	HMIVXLUG64KBT	On Request
Upgrade License RT 32K to 64K	HMIVXLUG64KRT	On Request
Upgrade License MA 4 to 8	HMIVXLUG8MA	On Request
Vijeo XL USB Hard key	HMIVXLUSBL	On Request

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

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W.E.F. January 18th, 2019

Vijeo Designer

Product description	Reference	Unit LP [₹]
Vijeo Designer internal and partner pack	VJDCLINTSV62M	On Request
VJD V4.6 FACILITY NO CABLE	VJDFNDTGSV46M	On Request
VIJEO DESIGNER,LICENCE FACILITY,NO CABLE	VJDFNDTGSV47M	On Request
Vijeo Designer, Facility license	VJDFNDTGSV62M	On Request
Vijeo Designer, Group license	VJDGNDTGSV62M	On Request
Vijeo Designer, Single License	VJDSNDTGSV62M	On Request
Vijeo Designer Magelis iPC RT	VJDSNRTMPC	On Request
Vijeo Designer Standard PC RT	VJDSNRTSPC	On Request
Vijeo Designer V5.1 I D S	VJDSNTRCKV51M	On Request
Vijeo Designer RT IDS license extension	VJDSNTRCKV62M	On Request
Pack Vijeo Designer RT IDS Report Print	VJDSNTRPKV62M	On Request
Vijeo Designer IDS Report Printing	VJDSNTRPRV62M	On Request
KIT XBTRT500 VJD LITE CBL	VJDSTKXBTRT	On Request
Vijeo Designer,Single License,USB cable	VJDSUDTGAV62M	On Request
Vijeo Designer, Team license	VJDTNDTGSV62M	On Request
Vijeo Designer Update License	VJDUPTDGAV62M	On Request
Vijeo Designer RT IDS Update license	VJDUPTTRCKV62M	On Request
VJD IDS Report Printing Update license	VJDUPTPRV62M	On Request

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

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Start smart, run smart, stay smart with TeSys

Solutions that switch, protect,
control, and monitor motors



How do everlinks
improve power
connection reliability?

For more information on
switching and motor
management scan!



[Schneider-electric.co.in/Tesys](https://schneider-electric.co.in/Tesys)

Life Is On | **Schneider**
Electric

TeSys Range

The most comprehensive solution for switching and motor management.



Switch Disconnectors

Vario



Fuse disconnecter GS



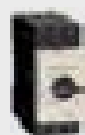
Protection

Circuit Breakers

TeSys GV Circuit Breakers
Magnetic



GV2L

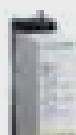


GV3L



GV2LE

Thermal-magnetic



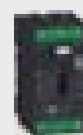
GV2ME



GV2P



GV3P



GV4



GV7

Relays

Thermal protection



LR2K



LRD

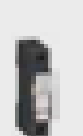


LR9D



LR9F

Fuse



DF



LS1

All-in-one



TeSys U



Control

Contactors

From 6A to 2750A



K



D



TeSys B Bar contactor

Low Consumption versions



KLC

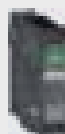


D LC



D Green

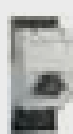
Starters and Motor Starters



TeSys H
Ultra-compact starter



TeSys U



Integral 63

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

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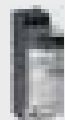
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TeSys Range



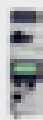
Monitor

Vario Compact starter



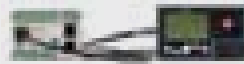
TeSys U

For standard application



TeSys U

For high-end management



TeSys T

The flexible motor management system for all applications and motors up to 810A (AC3)



Enclosed

DOL starters with manual control



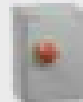
Vario



Mini Vario



GV2M



GV2P/3P

Starters



LE-up to
30kW/400V

For DOL starters and safety applications



LG, LJ



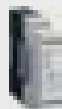
GV2M



Specific Applications

For protection

Thermistor
Protection unit



LT3

Advanced Motor
Protection relay



Digital EOCR

Electromechanic
overcurrent relay



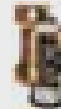
EOCRSS

Transformers
and high
current peak



GV2RT

Single pole
magnetic over
current relay



RM1

Fuse solution



GK1

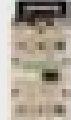
For control

For wind turbine
UPS panels



F

For very small
machines



SK

For capacitors



D

For modular enclosures / Din rail



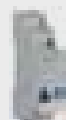
3 poles-SKGC



GC



Dual Tariff GY



Impulse relay GF

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

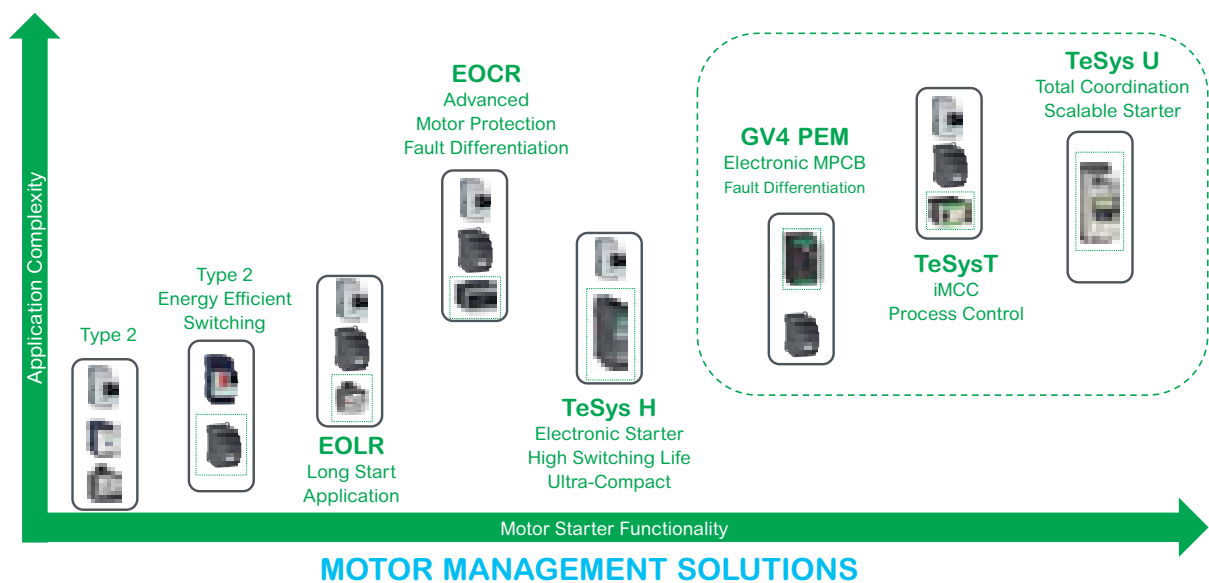
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Motor management solution



Unlock maximum efficiency with...



Your requirements



TeSys Intelligence



100% reliable

Schneider Electric puts reliability at the heart of its strategy of innovation and, with TeSys, offers a wide range of solutions for the Power Control and Protection that covers all your needs, from basic to advanced.

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TeSys Control Range

TeSys Control Range	Frame Size	Rated operational current AC1	AC3 Duty			Aux Contacts	AC control Reference	Unit MRP [₹]	DC Control Reference	Unit MRP [₹]
			kW	hP	A					
TeSys K	FRAME-1	-	3	-	6	1NO/NC	LC1K06*	1000	LP1K06**	1500
		-	5.5	-	9	1NO/NC	LC1K09*	1060	LP1K09**	1650
		-	7.5	-	12	1NO/NC	LC1K12*	1160	LP1K12**	1850
		-	10	-	16	1NO/NC	LC1K16*	1390	-	-
TeSys D	FRAME-2	32	9	12.5	18	1NO+1NC	LC1D18*	1610	LC1D18**	2710
		40	11	15	25	1NO+1NC	LC1D25*	2000	LC1D25**	3450
	FRAME-3	50	15	20	32	1NO+1NC	LC1D32*	4000	LC1D32**	7425
		50	18.5	25	38	1NO+1NC	LC1D38*	5750	LC1D38**	8500
	FRAME-4	60	22	30	40	1NO+1NC	LC1D40A*	6100	LC1D40A**	10500
		80	25	35	50	1NO+1NC	LC1D50A*	7650	LC1D50A**	12500
		80	37	50	65	1NO+1NC	LC1D65A*	10650	LC1D65A**	14000
		80	37	50	80	1NO+1NC	LC1D80A*	12750	LC1D80A**	17000
	FRAME-5	125	45	60	80	1NO+1NC	LC1D80*	14500	LC1D80**	17900
		125	45	60	95	1NO+1NC	LC1D95*	16200	LC1D95**	20000
		250	59	80	115	1NO+1NC	LC1D115*	20000	LC1D115**	20950
		250	80	110	150	1NO+1NC	LC1D150*	26000	LC1D150**	27200

TeSys Control Range	[Ie] Rated Operational Current AC1	kW	AC3 DUTY		Reference (1) (2)	Unit LP [₹]
			hP	A		
TeSys F	275	100	135	185	LC1F185	28000
	315	110	150	225	LC1F225	30500
	350	140	190	265	LC1F265	37000
	400	180	245	330	LC1F330	46000
	500	220	300	400	LC1F400	50500
	700	280	380	500	LC1F500	72500
	1000	375	500	630	LC1F630	116000
	1000	450	610	800	LC1F800	180000
	1250	630	840	1000	LC1F1000	312000

Note:

(1) Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately. (Coil includes 1 NO contact)

(2) Please select coils from Page 29.

Coil Voltage Code

Type	Voltage	24	110	220	415
AC*	LC1K06-K16, LC1D09-D150 50/60Hz	B7	F7	M7	N7
DC**	LP1K06-K12, LC1D09-38, LC1D80-150	BD	FD	MD	

Type	Voltage	24V DC Low consumption	24-60 AC/DC	48-130 AC/DC	100-250 AC/DC
TeSys D Green	LC1D40A-80A	BBE	BNE	EHE	KUE

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the standard contactor of the same rating.



How to ensure reliability of contacts?

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

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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 LP [₹]	DC Control Reference ⁽⁴⁾	Unit LP [₹]	DC low consumption Reference ^{(1) (2) (3)}	Unit LP [₹]
2NO + 2NC	CA2KN22*	1150	CA3KN22**	1600	CA4KN22***	1950
3NO + 1NC	CA2KN31*		CA3KN31**		CA4KN31***	
4NO + 0NC	CA2KN40*				CA4KN40***	

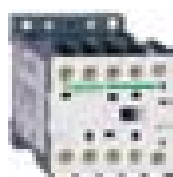
(1) Compatible with PLC outputs

(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)

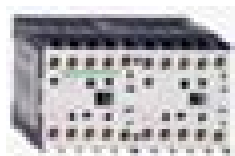


- Conformance to IEC, UL, CSA
- Current Rating : 6A to 16 A, AC-3 duty
- 1NO or 1NC inbuilt auxiliary contact
- Available in 3P & 4P version
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption⁽⁵⁾ coil options

[Ie] Rated Operational Current (A)	Motor Power (kW)	auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference ⁽⁵⁾	Unit LP [₹]
6	3	1 NC	LC1K0601*	1000	LP1K0601**	1500
		1 NO	LC1K0610*		LP1K0610**	
9	5.5	1 NC	LC1K0901*	1060	LP1K0901**	1650
		1 NO	LC1K0910*		LP1K0910**	
12	7.5	1 NC	LC1K1201*	1160	LP1K1201**	1850
		1 NO	LC1K1210*		LP1K1210**	
16	10	1 NC	LC1K1601*	1390	-	-
		1 NO	LC1K1610*		-	-

(5) For low consumption offer, please contact regional sales office

Reversing Contactors - K model



- Conformance to IEC, UL, CSA, CE
- Current Rating : 6A to 16 A, 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

[Ie] Rated Operational Current (A)	Motor Power (kW)	auxiliary Contacts	AC Control Reference	Unit LP [₹]
6	3	1 NC	LC2K0601*	3140
		1 NO	LC2K0610*	
9	5.5	1 NC	LC2K0901*	3350
		1 NO	LC2K0910*	
12	7.5	1 NC	LC2K1201*	3450
		1 NO	LC2K1210*	
16	10	1 NC	LC2K1601*	3850
		1 NO	LC2K1610*	

* Reference to be completed by adding coil voltage code

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

Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
	CA2KN, LC1-K06 to K16, 50/60Hz	B7	-	-	F7	M7	N7
	LC2-K06 to K16, 50/60Hz	-	-	-	F7	M7	N7
	CA3KN, LP1-K06 to K12	BD	-	-	FD	MD	-
	CA4KN	BW3	EW3	SW3	-	-	-

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit Price of the standard contactor of the same rating.

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

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W.E.F. January 18th, 2019

Accessories - K Model

Description	Mounting	Contacts	Reference	Unit LP [₹]
auxiliary contact block	Front	2 NC	LA1KN02	380
		1 NO + 1 NC	LA1KN11 ☒	
		2 NO	LA1KN20	
		4 NC	LA1KN04	595
		1 NO + 3 NC	LA1KN13	
		2 NO + 2 NC	LA1KN22 ☒	
		3 NO + 1 NC	LA1KN31	
		4 NO	LA1KN40	

Description	Control Voltage	Range	Reference	Unit LP [₹]
On Delay Electronic Timer	24..48 V AC/DC	1..30S	LA2KT2E(1)	1820
	110..240 V AC	1..30S	LA2KT2UA(1)	

Description	Coil Voltage	Reference	Unit LP [₹]
Surge Suppressor - RC Circuit	220..250V AC	LA4KA1U*	560
Surge Suppressor - Varistor	130..250 V AC/DC	LA4KE1UG*	
Surge Suppressor - Varistor	50..129V AC/DC	LA4KE1FC*	

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

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Control Relays - D model (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 ⁽²⁾	Unit MRP [₹]	DC low consumption Reference ^{(1) (2) (3)}	Unit MRP [₹]
3NO+2NC	CAD32*	1250	CAD32**	1800	CAD32***	2150
5NO+0NC	CAD50*		CAD50**		CAD50***	

(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 - D Model (3 Pole AC & DC Control)



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

[Ie] Rated Operational Current AC1	kW	AC3 Duty hP	A	Auxiliary Contacts	AC Control Reference	Unit MRP [₹]	DC Control Reference ⁽¹⁾	Unit MRP [₹]
25	4	5.5	9	1 NO + 1 NC	LC1D09* ☒	1250	LC1D09** ☒	1980
	5.5	7.5	12	1 NO + 1 NC	LC1D12* ☒	1405	LC1D12** ☒	2180
32	9	12.5	18	1 NO + 1 NC	LC1D18* ☒	1610	LC1D18** ☒	2710
40	11	15	25	1 NO + 1 NC	LC1D25* ☒	2000	LC1D25** ☒	3450
50	15	20	32	1 NO + 1 NC	LC1D32* ☒	4000	LC1D32** ☒	7425
	18.5	25	38	1 NO + 1 NC	LC1D38* ☒	5750	LC1D38** ☒	8500
60	22	30	40	1 NO + 1 NC	LC1D40A* ☒	6100	LC1D40A#	10500
80	25	35	50	1 NO + 1 NC	LC1D50A* ☒	7650	LC1D50A#	12500
80	37	50	65	1 NO + 1 NC	LC1D65A* ☒	10650	LC1D65A#	14000
80	37	50	80	1 NO + 1 NC	LC1D80A* ☒	12750	LC1D80A#	17000
125	45	60	80	1 NO + 1 NC	LC1D80* ☒	14500	LC1D80**	17900
	45	60	95	1 NO + 1 NC	LC1D95* ☒	16200	LC1D95**	20000
250	59	80	115	1 NO + 1 NC	LC1D115* ☒	20000	LC1D115**	20950
	80	110	150	1 NO + 1 NC	LC1D150* ☒	26000	LC1D150**	27200

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

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Power Contactors - D Model (3 Pole DC Low Consumption)

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

[Ie] Rated Operational Current AC1	Motor Power AC3			auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A			
25	4	5.5	9	1 NO + 1 NC	LC1D09**** ☒	2200
	5.5	7.5	12	1 NO + 1 NC	LC1D12**** ☒	2400
32	9	12.5	18	1 NO + 1 NC	LC1D18**** ☒	3650
40	11	15	25	1 NO + 1 NC	LC1D25**** ☒	4500
50	15	20	32	1 NO + 1 NC	LC1D32**** ☒	7650
[Ie] Rated Operational Current AC1	Motor Power AC3			auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A			
60	22	30	40	1 NO + 1 NC	LC1D40A#	10500
80	25	35	50	1 NO + 1 NC	LC1D50A#	12500
80	37	50	65	1 NO + 1 NC	LC1D65A#	14000
80	37	50	80	1 NO + 1 NC	LC1D80A#	17000

Power Contactors - D Model (4 Pole AC & DC Control)



- Conformance to IEC, UL, CSA
- Current Rating : 20A to 250A, AC1 Rating
- Available with AC (50/60Hz Dual frequency), DC & DC low consumption (1) coil options
- High Operating ambient temperature, no derating upto 60° C

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit MRP [₹]	DC control Reference	Unit MRP [₹]
20	4NO	-	-	LC1DT20**	2300
	2NO+2NC	-	-	LC1D098**	2600
25	4NO	-	-	LC1DT25**	2750
	2NO+2NC	-	-	LC1D128**	3600
32	4NO	-	-	LC1DT32**	3030
	2NO+2NC	-	-	LC1D188**	4100
40	4NO	-	-	LC1DT40**	4750
	2NO+2NC	-	-	LC1D258**	6260
60	4NO	-	-	LC1DT60A#	9510
	2NO+2NC	-	-	LP1D40008**	12500
[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit LP [₹]	DC control Reference	Unit LP [₹]
80	4NO	-	-	LC1DT80A#	14190
	2NO+2NC	-	-	LP1D65008**	16800
125	4NO	-	-	LP1D80004**	18200
	2NO+2NC	-	-	LP1D80008**	21000
250	4NO	LC1D1150046*	24500	LC1D1150046**	26500

Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
AC*	CAD,LC1D09-D150 50/60 Hz	B7			F7	M7	N7
	LC1D1150046 50/60 Hz				F7	M7	N7
DC**	CAD,LC1D09-D38,LC1D80-D150	BD			FD	MD	
	LC1DT20-DT40,LC1D098-D258,LP1D40-D80,LC1D115	BD			FD	MD	
DC Low Consumption***	CAD	BL			FL	ML	
	LC1D09-D32	BL	EL	SL			

Type	Voltage	24V DC Low consumption	24-60 AC/DC	48-130 AC/DC	100-250 AC/DC
TeSys D Green#	LC1D40A-80A,LC1DT60A-DT80A	BBE	BNE	EHE	KUE

Please contact CCC for 4 Pole Ac coil contactor details

For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

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

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

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W.E.F. January 18th, 2019



TeSys D Green

The Revolutionary Electronic Coil Contactor



**Green
Premium™**
Product

New

80A AC3
offer available
in 55mm frame



3 frame
sizes

9 to 18A

25 to 38A

40 to 80A

4 coil
ratings

24 to 60V

48 to 130V

110 to 250V

250 to 500V

Universal AC/DC coil

Low consumption offer 40-80A



Reliability

- improved under voltage
performance, low contactor bounce.



Efficiency

- 80% less coil consumption, reduced
heat dissipation



Productivity

- easier integration with automation
architectures



Flexibility

- Wide voltage bands, eliminate surge
suppressor



Scan to see TeSys D
Green undervoltage
performance.

Tesys D Green Contactor (3 Pole AC/DC Universal Coil)



- Current Rating: 9-65A
- Universal AC/DC coil from 24 - 250V
- Special low consumption offer from 40-80A
- Fuse-less Type 2 coordination charts available

The Revolutionary Electronic Coil Contactor

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A			
						2850
						2950
						3900
						4650
						9450
						10200
						10500
						12500
						14000
						17000

[Ie] Rated Operational Current AC1	Poles Composition	Auxiliary Contacts	DC control Reference	Unit MRP [₹]
60	4NO		LC1DT60A*	9510
80	4NO		LC1DT80A*	14190

Coil Voltage Code

Type	Voltage	24-60VAC/DC	48-130VAC/DC	100-250VAC/DC
AC/DC*	LC1D09 - D38, LC1D40A - 80A, LC1DT40A - 80A	BNE	EHE	KUE
24V DC Low Consumption*	LC1D40A - 80A, LC1DT40A - 80A	BBE (24 V DC only)		



Check the features of the TeSys D Green

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

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W.E.F. January 18th, 2019

Description	For use with	Reference	Unit LP [₹]
Power connection accessories			
Terminal block	For supply to one or more GV2 G busbar sets	GV1G09	1450
Set of 63 A busbars for paralleling of contactors	2 contactors LC1 D09...D18 or D25...D38	GV2G245	1090
	4 contactors LC1 D09...D18 or D25...D38	GV2G445	1720
Set of 115 A busbars for paralleling of contactors	2 contactors LC1 D40A...D80A	GV3G264	1960
	3 contactors LC1 D40A...D80A	GV3G364 (1)	1045
Set of S-shape busbars	For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A	GV3S	785

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

Description	For use with	Reference	Unit LP [₹]
Mechanical interlock	LC1 D09 to D38 (1)	LAD9V2	520
	LC1 D40A to D65A (1)	LAD4CM	1055
	LC1 D80 and D95 (for AC control voltage) (2)	LA9D4002	2305
	LC1 D80 and D95 (for DC control voltage) (2)	LA9D8002	3440
	LC1 D115 and D150 (2)	LA9D11502	3485

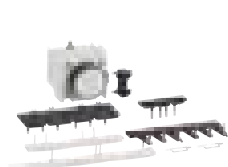
(1) With this set of busbars, any one contactor can be supplied directly by its EverLink® double cage power terminal block. The other two contactors are supplied by the busbar set. The 115 A limitation is therefore applied to these two contactors.

(2) With electrical interlock

Description	For use with	Reference	Unit LP [₹]
Power Connection for Reversing			
Kit Comprising : 1. a set of parallel bars 2. a set of reverser bars.	LC1 D09 to D38	LAD9V5 + LAD9V6	970
	LC1 D40A to D80A	LA9D65A69	2240
	LC1 D80 and D95 (for AC control voltage)	LA9D8069	4795
	LC1 D80 and D95 (for DC control voltage)	LA9D8069	4795
	LC1 D115 and D150	LA9D11569	7980

Description	For use with	Reference	Unit LP [₹]
Reversing Kit			
Kit Comprising : 1. A mechanical interlock LAD 9V2 with electrical interlocking LAD 9V1 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 to D38	LAD9R1V	1075
Kit Comprising : 1. A mechanical interlock LAD 9V2 without electrical interlocking 2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).	LC1 D09 TO D38	LAD9R1	820
Kit Comprising : 1. a mechanical interlock LAD 4CM 2. a set of power connections LA9 D65A69.	LC1 D40A TO D80A	LAD9R3	2560

Description	For use with	Reference	Unit LP [₹]
Star Delta Kit			
Time delay contact block LAD S2 (LC1 D09...D80),	LC1 D09 and D12	LAD91217	4045
Power circuit connections (LC1 D09...D80),	LC1 D18 to D32	LAD93217	5205
Hardware required for fixing the contactors onto the mounting plate (LC1D80)	LC1 D40A AND D50A	LAD9SD3	10515
	LC1 D80	LA9D8017	11675



LAD91217



LAD9SD3



LA9D8017

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

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W.E.F. January 18th, 2019

Description	time Delay Range	timer Type	Reference	Unit LP [₹]
On delay timer ⁽¹⁾ ⁽²⁾	15...30 s	on delay	LA4DT2U	3010
On delay timer ⁽¹⁾ ⁽²⁾	0.1...2 s	on delay	LA4DT0U	
On delay timer ⁽¹⁾ ⁽²⁾	25...500 s	on delay	LA4DT4U	
Relay interface module - 24V DC ⁽¹⁾ ⁽²⁾	-	-	LA4DFB	2775

(1) For LC1 D09...38A (3P, AC coils only) add mounting adaptor LAD4BB = ₹ 590/- and for LC1 D40A...65A (3P, AC coils only), add mounting adaptor LAD4BB3 = ₹ 500/-.

(2) For LC1D80...150 (3P), direct mounting, for 100-250 V AC Coils only.

Mounting Location	For Use With Contactor	Reference	Unit LP [₹]
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For D Model Mechanical Latch Blocks

Front, Clip-on	LC1 D09...D38 (a or c) LC1 DT20...DT40 (a or c) LC1 D40A...D65A (3P a or c) LC1DT60A AND DT80A (4P a or c)	LAD6K10*	3625
	LC1 D80...D150 (3P a) LC1 D80 AND D115 (3 P c) LC1 D80 (4 P a) LC1 D80 AND D115 (4 P a) LP1 D80 AND LC1 D115 (4 P c)	LA6DK20*	3785

* Reference to be completed by adding coil voltage code

Note: For ordering Mechanical Latch Block with other coil voltages, please add ₹ 190/- to the unit price of the standard reference

VOLTAGE (AC/DC)	24	42/48	110/127	220/240	380/415
Code	B	E	F	M	Q

Spare coils D model

Product Compatibility	Reference	Unit LP [₹]
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AC Coils

CAD, LC1-D09...D38, DT20..40	LXD1*	870
LC1D40A, D50A, D65A & LC1DT60A, DT80A	LXD3*	2340
D80 & D95 (3P & 4P)	LX1D6*	2430
LC1-D115,D150	LX1D8*	4770

DC Coils

LC1-D80-D95	LX4D7**	7340
LC1-D115, D150	LX4D8**	8070

Note: For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit price of the respective standard coil.

* Reference to be completed by adding 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.

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W.E.F. January 18th, 2019

Accessories - D Model

Description	For use with	Contacts	Reference	Unit LP [₹]	
Add On Blocks					
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150 & LC1F*	Front Mounted	1 NO+1NC	LADN11	350
			2 NO	LADN20 ☒	350
			2 NC	LADN02	420
			2 NO+2NC	LADN22 ☒	625
			4 NC	LADN04	700
			4 NO	LADN40 ☒	625
			1 NO+3NC	LADN13	625
			3 NO+1NC	LADN31 ☒	625
	LC1D80..LC1D95 & LC1F	Front Mounted	1 NO	LADN10	230
			1 NC	LADN01	230

Description		Contacts	Reference	Unit LP [₹]
Add On Blocks				
Additional instantaneous auxiliary contact blocks	Side Mounted ⁽¹⁾	1 NO+1NC	LAD8N11	1015
		2 NO	LAD8N20	1015
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2505
		1 NO+1NC 0.1..30s	LADT2	2505
		1 NO+1NC 10..180s	LADT4	2505
		1 NO+1NC 1..30s ⁽²⁾	LADS2 	2670
	OFF delay	1 NO+1NC 0.1 ..3s	LADR0	2505
		1 NO+1NC 0.1 ..30s	LADR2 	2505
		1 NO+1NC 10..180s	LADR4	2505
			LA9D511	980
Set of shims to be used with 4 pole contactors				

(1) Suitable for mounting on D Model 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	LC1 D09...D38	1 on LH side	and -	1	or 1	or 1	
		LC1 D40A...D80A	1 on LH or 1 on RH side	and -	1	or 1	or 1	
		LC1 D80 and D95A (50/60 Hz)	1 on each side	or 2	and 1	or 1	or 1	
		LC1 D80 and D95A (50 or 60 Hz)	1 on each side	and 2	and 2	or 1	or 1	
		LC1 D115 and D150	1 on LH side	and -	1	or 1	or 1	
	4P	LC1 DT20...DT40	1 on LH side	and -	1	or 1	or 1	
		LC1 DT60A and DT80A	1 on LH or 1 on RH side	and -	1	or 1	or 1	
		LC1 D40008, D65008 and D80	1 on each side	or 1	or 1	or 1	or 1	
		LC1 D115	1 on each side	and 1	or 1	or 1	or 1	
		DC	3P	LC1 D09...D38	–	-	1	or 1
LC1 D40A...D80A	–	-		1	or 1	or 1		
LC1 D80 and D95	–	1		or 1	or 1	or 1		
LC1 D115 and D150	1 on LH side	and -		1	or 1	or 1		
LC1 DT20...DT40	–	-		1	or 1	or 1		
4P	LC1 DT60A and DT80A	–		-	1	or 1	or 1	
	LC1 D40008, D65008 and D80	–		2	and 1	or 1	or 1	
	LC1 D115	1 on each side		-	and 1	or 1	or 1	
	LC (3)	3P	LC1 D09...D38	–	-	1	-	–
4P	LC1 DT20...DT40	–	-	1	-	–		

(3) LC : Low consumption

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

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Accessories for TeSys D

Description	For Use With	Reference	Unit LP [₹]
For Contactor D115/150			
arc chamber - 3P	LC1D115	LA5D11550	4505
arc chamber - 3P	LC1D150	LA5D15050	4505
contacts set - 3P	LC1D115	LA5D1158031	11880
contacts set - 3P	LC1D150	LA5D150803	12320
contacts set - 4P	LC1D1150046	LA5D115804	16385

Product Compatibility	Fixing	control Circuit Voltage	Suppressor Type	Reference	Unit LP [₹]
Coil Suppressor Modules					
LC1-D12...D25 (4P)	Clip-on	24...48 V AC	RC Circuit AC	LA4DA1E	925
LC1-D12...D25 (4P)		110...240 V AC	RC Circuit AC	LA4DA1U	925
LC1-D12 & D25 (4P)		12...250 V DC	Diode DC	LA4DC1U	925
LC1-D12...D25 (4P)		24...48 V AC/DC	Varistor AC/DC	LA4DE1E	925
-		110...250 V AC/DC	Varistor AC/DC	LA4DE1U	925
LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P)		24...48 V AC	Varistor AC/DC	LAD4VE	895
		24...48 V AC 400 Hz	RC Circuit AC	LAD4RCE	895
		50...127 V AC 200 Hz	RC Circuit AC	LAD4RCG	810
		110...240 V AC 100 Hz	RC Circuit AC	LAD4RCU 	895
CAD		110...250 V AC	Varistor AC/DC	LAD4VU	
LC1D80, LC1D95, LC2D80, LC2D95 (3P) LC2D80 (4P), LC1D40008, LC1D65008	Screw	24...250 V DC	Diode DC	LA4DC3U	925
LC1D80...D115, LC2D80...D115 (3P) LC1D80...D115, LC2D80...D115 (4P)		24...48 V AC	Varistor AC/DC	LA4DE2E	885
		110...250 V AC	Varistor AC/DC	LA4DE2U	885
		24...48 V AC 400 Hz	RC Circuit AC	LA4DA2E	885
		50...127 V AC 200 Hz	RC Circuit AC	LA4DA2G	1400
		110...240 V AC 100 Hz	RC Circuit AC	LA4DA2U	925
		380...415 V AC 150 Hz	RC Circuit AC	LA4DA2N	1400
		24...48 V DC	Varistor AC/DC	LA4DE3E	925
		110...250 V DC	Varistor AC/DC	LA4DE3U	885

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 D contactors

Easy-to-attach covers:



Auxiliary blocks 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 U motor starters

Translucent labels to identify safety-chain devices:



Complete safety-chain identification system

TeSys D range

Retrofit contactor safety covers



LAD9ET1S
9A up to 65 A



LAD9ET3S
80A to 95A



LAD9ET4S
110A to 150A

Auxiliary contact block



LADN22S
2NO + 2NC

TeSys U range

Retrofit identification label



LU9ET1S

Also available for CAD32/CAD50

Built in Safety

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

Description	For Use with	Reference	Unit LP [₹]
Red cover (for safety chain indication)	LC1 D09...D80A and DT20...DT80A	LAD9ET1S	495
	LC1 D80 and D95	LAD9ET3S	
	LC1 D115 AND D150	LAD9ET4S	
Auxiliary Contact Block With red front face - for safety chain indication	2NO+2NC	LADN22S	710

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

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A perfect fit for power switching



TeSys F 1250 to 2600 A

Designed for demanding power switching applications. The complete, robust TeSys™ F range keeps pace with demanding AC1 applications in wind power, solar and more.

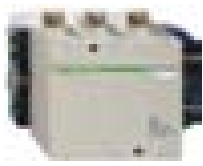
- Optimised size for reduced panel space
- Proven reliability & high electrical durability
- Wide operating temperature range: up to 60°C
- Type 1 & 2 coordination with Masterpact™ ACB
- Shared accessories with entire TeSys F range
- Drawer-mounted coils allow easy maintenance



Introducing the specially designed LC1SF1200* Contactor for solar PV applications

schneider-electric.co.in/TeSys

Power Contactors - F Model (3 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA, CE
- High electrical life
- Type 2 Coordination Charts available
- Common accessories as Model D
- Rating : 115 - 2600 A, AC/DC Coils, special Hoisting application coils
- Shock Proof version and Magnetic latching contactor available

[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A		
200	59	80	115	80	110	150	LC1F115	16750
250	80	110	150	100	135	185	LC1F150	23000
275	100	135	185	110	150	205	LC1F185	28000
315	110	150	225	140	190	265	LC1F225	30500
350	140	190	265	160	220	300	LC1F265	37000
400	180	245	330	220	300	400	LC1F330	46000
500	220	300	400	250	340	450	LC1F400	50500
700	280	380	500	375	500	630	LC1F500	72500
1000	375	500	630	450	610	800	LC1F630	116000
1000	450	610	800				LC1F800	180000
1250	630	840	1000				LC1F1000	312000

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Please select coils from below table separately.

Power Contactors - F Model (2 Pole & 4 Pole AC/DC Control)



- Conformity to International Standards – IEC, UL, CSA
- 2 and 4 pole versions available
- 240-1600 Amps in AC-1 duty , AC/DC coils
- Common accessories same as Model D
- High electrical life

[Ie] Rated Operational Current AC1	Power Pole Composition	Reference	Unit LP [₹]
200 A	4 NO	LC1F1154	28000
250 A	4 NO	LC1F1504	34000
275 A	4 NO	LC1F1854	42000
315 A	4 NO	LC1F2254	50200
350 A	4 NO	LC1F2654	55500
400 A	4 NO	LC1F3304	65600
500 A	2 NO	LC1F4002	46500
500 A	4 NO	LC1F4004	76500
700 A	2 NO	LC1F5002	68000
700 A	4 NO	LC1F5004	116330
1000 A	2 NO	LC1F6302	115000
1000 A	4 NO	LC1F6304	162000
1600 A	4 NO	LC1F7804	345060

Note:

- Contactor reference does not include coil. Contactor coil & aux. contacts to be ordered separately.(Coil includes 1 NO contact)
- Power terminals may be protected by the addition of shrouds, to be ordered separately.

[Ie] Rated Operational Current AC1	Reference	Unit LP [₹]
1250	LC1F1250	on Request
1700	LC1F1700	
2100	LC1F2100(1)	
2600	LC1F2600(2)	

- (1) With set of right-angled connectors LA9 F2100
- (2) with set of right-angled connectors LA9 F2600

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

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Coils F Model

Product compatibility	AC Coil Reference	Unit LP [₹]	DC Coil Reference ⁽²⁾	Unit LP [₹]
		3495		7395
		4840		9845
		6020		11985
		12400		18975
		14750		19585
		16500		20300
		40755		42810
		-		26900
		14750		
		16500		

Please replace (*) with the Corresponding Control Voltage.

(1) Use rectifier with required DC coil (Ref: DR5TE4U) LP ₹ 8940/-

(2) Coil with suppressor fitted as standard.

(3) Set of two coils to be connected in series.

Coil Voltage Code

Type	Voltage (V)	24	110	220	415
AC*	LC1F115--F225, LC1F400-630	-	110	220	415
	LC1F265,LC1F330	-	1102	2202	3802
	LC1F1000		55	110	220
	LC1F1700,2100,2600	-	65	110	220
DC**	LC1F115--LC1F330	24	110	220	-
	LC1F400--LC1F780	-	110	220	
	LC1F800	-	FW	MW	

Note: For ordering coils with other voltages and frequencies, please add ₹ 190/- to the unit Price of the respective standard coil.

Accessories - D and F Model

Description	For use with	Contacts	Reference	Unit LP[₹]
Add on Blocks				
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150 & LC1F	1 NO+1NC	LADN11	350
		2 NO	LADN20	
		2 NC	LADN02	
		2 NO+2NC	LADN22	625
		4 NC	LADN04	700
		4 NO	LADN40	625
	LC1D80..LC1D95 & LC1F	1 NO+3NC	LADN13	
		3 NO+1NC	LADN31	230
		1 NO	LADN10	
		1 NC	LADN01	

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

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Accessories - D and F Model

Description		Contacts	Reference	Unit LP [₹]
Add On Blocks				
Additional instantaneous auxiliary contact blocks	Side Mounted ⁽¹⁾	1 NO+1NC	LAD8N11	1015
		2 NO	LAD8N20	
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1...3s	LADT0	2505
		1 NO+1NC 0.1...30s	LADT2	
		1 NO+1NC 10...180s	LADT4	
		1 NO+1NC 1...30s ⁽²⁾	LADS2 ☒	
	OFF delay	1 NO+1NC 0.1 ...3s	LADR0	2505
		1 NO+1NC 0.1 ...30s	LADR2 ☒	
		1 NO+1NC 10...180s	LADR4	

(1) Suitable for mounting on D Model 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

* Suitable for 80A, 95A & Model F contactors only

For Use With Contactor	Reference	Unit LP [₹]
Mechanical Interlocks ⁽¹⁾ - Horizontally Mounted		
LC1F115, LC1F150, LC1F1154, LC1F1504	LA9FF970	3315
LC1F185, LC1F1854, LC1F225, LC1F2254	LA9FG970	3830
LC1F265, LC1F330, LC1F400, LC1F500, LC1F2654, LC1F3304, LC1F4004, LC1F5004	LA9FJ970	4290
LC1F630, LC1F6304, LC1F800	LA9FL970	4775

(1) For assembly of 3/4 pole 2 contactors of identical rating. To obtain electrical interlocking, please order 2 contact blocks LADN11

All power connections are to be made by the user.

Main Contact Sets*

LC1F115, LC1F150	LA5FF431 ☒	17570
LC1F185, LC1F225	LA5FG431	25385
LC1F265	LA5FH431	33435
LC1F330, LC1F400	LA5F400803	40540
LC1F500	LA5F500803	52150
LC1F630	LA5F630803	82950
LC1F800	LA5F800803	104160

* For 3 Pole contactor (per pole: 2 fixed contacts and 1 moving contact, 2 deflectors, 1 backplate, fixing screws & washers.)

Description	For use with	110 V Reference	220 V Reference	Unit LP [₹]
Suppressor Blocks				
suppressor module clip on	All AC ratings	LA4FRCF	LA4FRCP	4465
suppressor bracket	For all LA4F	LA9D09981		465

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Product compatibility	110V Reference	220/230V Reference	415/440V Reference	Unit LP [₹]
Hoisting Applications - AC Coils				
LC1F265, LC1F330	LX9FH1102	LX9FH2202	-	17440
LC1F400	LX9FJ925	LX9FJ931	LX9FJ937	21535
LC1F500	LX9FK925	LX9FK931	LX9FK937	On request
LC1F630	LX9FL924	LX9FL931	LX9FL936	26460

Note: Rectifier is a must with the coil. Ref no. DR5TE4U for 110..230V & DR5TE4S* for 415..440V , LP ₹ 8940/- needs to be added extra with coil.

Product compatibility	48V Reference	110V Reference	220V Reference	440/460 V Reference	Unit LP [₹]
Hoisting Applications - DC Coils					
LC1F400	LX9FJ918	LX9FJ926	LX9FJ932	LX9FJ938	On request
LC1F500	LX9FK918	LX9FK926	LX9FK932	LX9FK938	On request
LC1F630	LX9FL918	LX9FL926	LX9FL931	LX9FL937	27190

Note:

- Resistor is a must with every coil as per the quantity mentioned.
- **Economy Resistor to be selected from below table as per coil voltage code**

Contacteur	110 V Reference	220 V Reference	440/460 V Reference	Unit LP [₹]
Economy Resistor				
• To be used with hoisting application DC coil				
LC1F400	1 X DR2SC0047	1 X DR2SC1200	1 X DR2SC4700	On request
LC1F500	1 X DR2SC0039	1 X DR2SC1000	1 X DR2SC3300	On request
LC1F630	2 X DR2SC0047	2 X DR2SC0047	2 X DR2SC3900	On request

TeSys Special Purpose Contactor

Capacitor Duty Contactors (AC Control)



- Conformance to IEC 60070 and 60831, CSA
- Special Contactors designed for switching of 3 Phase, single or multi step capacitor bank#
- Current limiting using block of early make poles and damping resistors
- Inbuilt auxiliary contacts

Nominal Reactive Power 440 V	Auxiliary Contacts	Reference	Unit MRP [₹]
LC1-D•K - with Damping Resistors & Block of Early Make poles			
12.5 KVAR	1 NO + 2 NC	LC1DFK*	2795
16.7 KVAR	1 NO + 1 NC	LC1DGK11*C	3925
20 KVAR	1 NO + 2 NC	LC1DLK*	4410
25 KVAR	1 NO + 1 NC	LC1DMK11*C	4840
33.3 KVAR	1 NO + 2 NC	LC1DPK*C	10535
40 KVAR	1 NO + 2 NC	LC1DTK*C	14515
60 KVAR	1 NO + 2 NC	LC1DWK*C	16340

#Contactor recommended upto 6 steps. For over 6 steps it is recommended to use chokes

* Reference to be completed by adding coil voltage code

* Coil Voltage Code

VOLTAGE	110	220
LC1DFK....DWK, 50/60Hz	F7	M7

Note: For ordering contactors with other coil voltages & frequencies, please add ₹ 190/- to the unit price of the standard contactor of the same rating.

Bar contactors



General Purpose offer

LC1B Range for standard applications

- From 750A to 1800A AC3
- From 800A to 2750A AC1

CR1B Magnetic latching contactors - 1000V

- From 750A to 1800A AC3
- From 800 to 2750A AC1

Special range of configurable bar contactors for Photovoltaic applications

- CV3BJ, for voltages between 1000 and 1500V DC
 - Complete range of configurable bar contactors CV1*, CV3*
- Special purpose offers for induction furnaces, DC excitation circuits of synchronous motors etc.

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

TeSys Special Purpose Contactor

TeSys LC1 FG 3-pole Shockproof Contactors



In an environment subject to severe mechanical shocks, unwanted closing of a contactor's poles and the serious consequences of this, is not permissible. Shockproof contactors LC1 FG150 to FG630 are equipped with an auxiliary electromechanical device which ensures that the contactor is mechanically locked in the "open" position when its main electromagnet is not energised.

If the contactor is subjected to mechanical impact, from back to front or from front to back, accidental closing of the poles is then impossible. In addition, accidental opening of the poles (when the contactor is in the "on" position), is virtually impossible due to the significant pull-in force characteristic of these contactors.

- Marine: on-board equipment, windlasses, capstans, winches, etc...
- Military equipment : land, sea, launching silos.
- Heavy mechanical handling systems: travelling cranes, cranes, gantries.
- Conveying and handling: lifts, hoists, conveyors.
- Equipment for power stations.
- Distribution boards.

Vacuum Contactors (3 Pole AC Control)

[Ie] Rated Operational Current		Motor Power		Auxiliary Contacts	Reference	Unit LP [₹]
AC1	AC3	kW	hP			
160 A	160 A	75	100	2 NO + 1 NC	LC1V160*	104290
320 A	320 A	160	213	1 NO + 1 NC	LC1V320*	140045
630 A	610 A	300	400	1 NO + 1 NC	LC1V610*	251185

VOLTAGE	110-120	220-240	380-415	440-480	550-600
Code	FE7	P7	V7	R7	X7

Note: Accessories for Vacuum Contactors available on request, please contact our Sales Office.

The most compact 3 KW / 400 V starter in the world



Up to 75 % of space reduction

- Ultra-compact 22.5 mm starter
- Reversing starter in the same width
- Maximum space savings for group starter architecture

Long electrical durability

- Suitable for high demanding application
- 30 000 000 of AC53a electrical cycles

> With printed QR code, referring directly to the product data sheet.

Easy Design

- Wide range setting motor protection
- Automatic, manual or remote reset after thermal trip
- Wide range of control voltage

Easy to integrate

- Direct mounting installation on DIN rail
- Control terminals on the upper side
- Power terminal on the lower side

TeSys H - Ultra-compact starters

Standard version



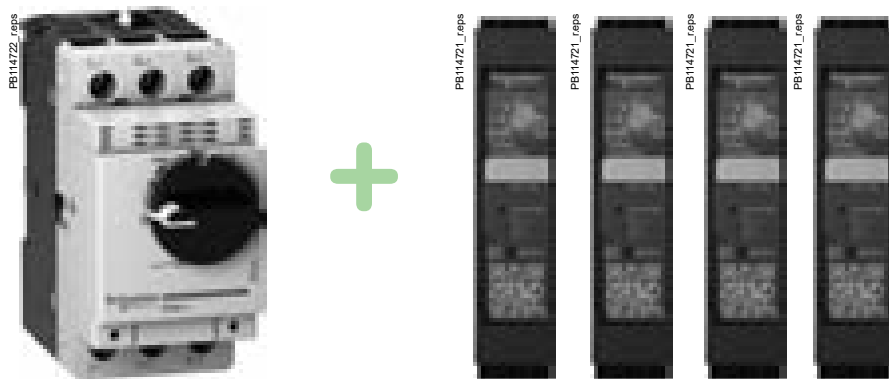
- **2 ratings:**
 - 2.4 A 400 V AC53a
 - 6.5 A 400 V AC53a
- **2 control voltages:**
 - 24 V DC
 - 110 V / 230 V AC
- **2 terminal types:**
 - Screw clamps
 - Spring
- **Can provide up to 3 functions:**
 - Forward running
 - Reverse running
 - Overload protection

Standard Starter Tesys H

Motor Power @ 415VAC	Current range	Screw terminals	Unit LP [₹]	Spring terminals	Unit LP [₹]
KW					
1 way (DOL)					
0.75	0.18...2.4A	LZ1H2X4**	On Request	LZ1H2X43**	On Request
3	1.5...6.5A	LZ1H6X5**	On Request	LZ1H6X53**	On Request
2 ways (RDOL)					
0.75	0.18...2.4A	LZ2H2X4**	On Request	LZ2H2X43**	On Request
3	1.5...6.5A	LZ2H6X5**	On Request	LZ2H6X53**	On Request

** reference to be completed with the control code : BD (24 V DC) or FU (110-230V AC)

Selection Chart for TeSys H



GV2L + LZ2H2X4BD

Selection of the circuit breaker

Type 1 coordination according to IEC/EN 60947-4-2

Max A	Iq kA	Number of TeSys H		Reference Circuit breaker	
		2.4 A	6.5 A	Rotary	Rocker
0.4	50.0	1	—	GV2L03	GV2LE03
0.63	50.0	1	—	GV2L04	GV2LE04
1	50.0	1	1	GV2L05	GV2LE05
1.6	50.0	1	1	GV2L06	GV2LE06
2.5	35.0	1	1	GV2L07	GV2LE07
4	12.5	1	1	GV2L08	GV2LE08
6.3	8.0	2	1	GV2L10	GV2LE10
10	7.0	4	1	GV2L14	GV2LE14
14	5.0	5	2	GV2L16	GV2LE16
18	4.0	7	2	GV2L20	GV2LE20
25	4.0	10	3	GV2L22	GV2LE22
32	3.0	13	4	GV2L32	GV2LE32

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

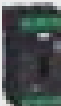
☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

TeSys Protection Range

TeSys has the most rugged and reliable solution to manage motors

Please find a quick range overview below

Protection	TeSys Motor Control and Protection Solution						
	GV2P, GV4P GV3P, GV2ME	GV4PEM	Thermal Overload Relays	Overtorque Relays	TeSys U	EOCR	TeSys T
	 GV2P GV3P  GV2ME	 GV4PEM	 LR2K LRD  LR9D LR9F	 EOCR SS  EOCR SSD	 TeSys U	 EOCR	 TeSys T
Short circuit							
Causes of overheating							
• Slight overload							
• Locked rotor							
• Ventilation fault							With probes
• Abnormal temperature rise							With probes
• Shaft bearing seizure							
• Insulation fault							
• Long starting time		Adjustable					Adjustable
• Severe duty							
• Voltage variation							
Causes of phase variation							
• Phase reversal			LR9D only				
• Phase losses							
• Phase imbalance							
• Earth fault	GV4P only						
Mechanical shocks							
Historic fault, prealarming							
			Possible Pre-alarm				

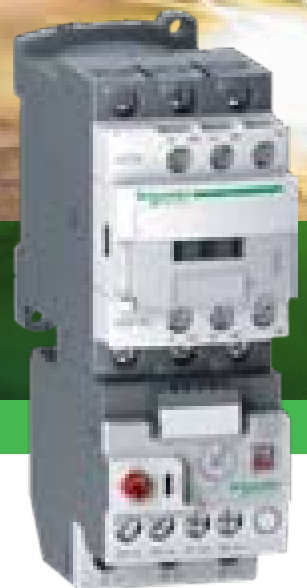
Please contact Customer Care Center for Stockable and Non stockable status of references.

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

Overload relays for Motor Safety

New TeSys LR9D electronic overload relays
provide motor safety tailored to your needs



Thermal Overload Relays - K Model (Direct Mounting)

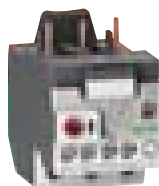


- Conformance to IEC, UL, CSA, CE
- Range : 0.1A to 16A
- Direct & Independent mounting
- Trip class 10A

Thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]
0.11...0.16 A	LC1K, LP1K, LP4K, LP2K, LC2K	LR2K0301	1620
0.16...0.23 A		LR2K0302	
0.23...0.36 A		LR2K0303	
0.36...0.54 A		LR2K0304	
0.54...0.8 A		LR2K0305	
0.8...1.2 A		LR2K0306	
1.2...1.8 A		LR2K0307	
1.8...2.6 A		LR2K0308	
2.6...3.7 A		LR2K0310	
3.7...5.5 A		LR2K0312	
5.5...8 A		LR2K0314	
8...11.5 A		LR2K0316	
10...14 A		LR2K0321	
12...16 A		LR2K0322	1650

Terminal Block for Clip-on Mounting LA7K0064 Unit LP ₹ 600/-

Electronic Overload Relay - D Model



- 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 Coordination chart available

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1...0.5A		LR9D01	7400
0.4...2.0A	LC1D09 - 38A	LR9D02	7600
1.6...8.0A	Direct Mounting	LR9D08	7600
6.4...32A		LR9D32	8500

Note: For LR9D01 to LR9D32 - Terminal Block for Clip on Mounting LAD7B205. **Unit LP ₹. 700**

Thermal Overload Relays - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 104 A
- Higher operating temperature
- Tripping class 10A & 20A 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 A	GV2L03, LE03, LC1D09...LC1D38	LRD01	1630
0.16...0.25 A		LRD02	
0.25...0.4 A		LRD03	
0.4...0.63 A		LRD04	
0.63...1 A		LRD05 ☒	
1...1.6 A		LRD06 ☒	
1.6...2.5 A		LRD07 ☒	
2.5...4 A		LRD08 ☒	
4...6 A		LRD10 ☒	
5.5...8 A		LRD12 ☒	
7...10 A		LRD14 ☒	1830
9...13 A		LRD16 ☒	
12...18 A		LRD21 ☒	1890
16...24 A	GV2L22, LC1D25...D38	LRD22 ☒	1890
23...32 A	LC1D25...LC1D38, LC1D32	LRD32 ☒	3030
30...38 A	LC1D32, LC1D38	LRD35	
23...32 A	LC1D40A...D65A	LRD332	3350
30...40 A	LC1D80...LC1D95	LRD3353	
30...40 A	LC1D40A...D65A	LRD340	
30...40 A	LC1D80...LC1D95	LRD3355	
37...50 A	LC1D40A...D65A	LRD350 ☒	4600
48...65 A	LC1D80...LC1D95	LRD3357	5500
62...80 A	LC1D40A...D65A	LRD365	5900
48...65 A	LC1D80A	LRD380	6150
	LC1D80...LC1D95	LRD3359	5900
63...80 A	LC1D80...LC1D95	LRD3363	6400
80...104 A	LC1D80, LC1D95	LRD3365	7900

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

☒ **NORMAL STOCK ITEMS**

Electronic Overload Relay - F Model



- Conformity to International Standards - IEC, UL, CSA
- Direct mounting on contactors is possible upto 630A
- Higher operating temperature
- Tripping class 10

Thermal Protection Adjustment Range	Reference	Unit LP [₹]
LR9-F Electronic Protection Relays		
90...150 A	LR9F5369 ☒	10500
132...220 A	LR9F5371	12300
200...330 A	LR9F7375	13200
300...500 A	LR9F7379	16200
380...630 A	LR9F7381	17200

Note:

- For LRD01...LRD35 - Terminal Block for clip-on Mounting LAD7B106 Unit LP: ₹ 560/-
- For LRD33** - Terminal Block for clip-on Mounting LA7D3064 ☒ Unit LP: ₹ 1650/-
- For LRD332, LRD340, LRD350 & LRD365 - Connection block for separate mounting LAD96560 Unit LP: ₹ 1380/-
- The LRD relays can be used for AC or DC current up to 104 Amps
- For long starting, Class 20 relays are available on request.
- Device for remote tripping and electrical reset is available on request.

Introducing New TeSys GV4

Circuit breaker for Motor protection

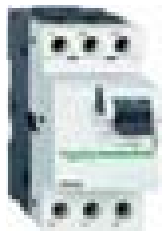


New TeSys GV4

- Compact and Robust, covering motors upto 55kW- Breaking capacity upto 100kA
- Available with magnetic, electronic thermal magnetic and advanced protection functions including alarming, jam, long start etc
- Equipped with patented EverLink power connections for the entire range, ensuring 100% reliable connections
- Type II coordination with TeSys range of contactors, including TeSys T motor controllers

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

Breaking Capacity at 415 V 50 Hz	Motor Power AC3** kW hP	Magnetic Protection Rating (A)	Reference	Unit LP [₹]
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With Rocker Lever Control (Economy)*

100 kA	0.09	-	0.4	GV2LE03	3400
	0.18	-	0.63	GV2LE04	
	0.37	0.5	1	GV2LE05	
	0.55	-	1.6	GV2LE06	
	1.1	1.5	2.5	GV2LE07	
	1.5	2	4	GV2LE08	
	2.2	3	6.3	GV2LE10	
	3	5.5	10	GV2LE14	
15 kA	5.5	7.5	14	GV2LE16	3950
	7.5	10	18	GV2LE20	
	11	15	25	GV2LE22	
10 kA	15	20	32	GV2LE32	6700

With Rotary Handle Control*

100 kA	0.09	-	0.4	GV2L03	3900
	0.18	-	0.63	GV2L04	
	0.37	0.5	1	GV2L05	
	0.55	-	1.6	GV2L06	
	1.1	1.5	2.5	GV2L07	
	1.1	2	4	GV2L08	
	2.2	3	6.3	GV2L10	
	4	5.5	10	GV2L14	
50 kA	5.5	7.5	14	GV2L16	11000
	7.5	10	18	GV2L20	
	11	15	25	GV2L22	
	15	20	32	GV2L32	
	18.5	25	40	GV3L40	
	22	29	50	GV3L50	
	30	40	65	GV3L65	
	37	50	73	GV3L73	

With Protection toggle control

50 kA	37	50	80	GV4LE80N	15000
	55	74	115	GV4LE115N	15000
	75	101	150	LV430832	20090
	110	147	220	LV431752	29630
	160	214	320	LV432749	40770
	200	268	500	LV432949	46790

* Conforming to IEC 60947-2-3-4

** 50/60Hz - 415 V

• GV2-L with the D Model contactor and LRD overload relay provides Type 2 Coordination

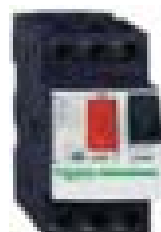
** 50/60Hz - 415 V

(1) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-M with the D Model provides Type 2 coordination.

(2) With GV1-L3 current limiter, breaking capacity can be increased to 100 kA. Combination of the GV2-P with the D Model provides Type 2 coordination.

(3) GV7 range will be substituted by GV5 range in H2 2019

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 100 kA
- Wide range of accessories
- S-shaped busbar for side-by-side connection with 40 - 65A Contactor

Breaking Capacity at 415 V 50 Hz	Motor Power AC3** kW hP	thermal Protection Adjustment Range	Reference	Unit MRP [₹]
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With Push button Control (Economy)

100 kA	-	-	0.1 - 0.16	GV2ME01	3450
	0.06	-	0.16 - 0.25	GV2ME02	
	0.09	-	0.25 - 0.40	GV2ME03	
	0.18	-	0.40 - 0.63	GV2ME04	
100 kA	0.37	0.5	0.63 - 1.0	GV2ME05	3675
	0.55	0.75	1.0 - 1.6	GV2ME06	
	0.75	1	1.6 - 2.5	GV2ME07	
	1.1	2	2.5 - 4	GV2ME08	
100 kA	2.2	3	4 - 6.3	GV2ME10	3750
	3	5.5	6 - 10	GV2ME14	
	5.5	7.5	9 - 14	GV2ME16	
	7.5	10	13 - 18	GV2ME20	
15 kA ⁽¹⁾	9	12.5	17 - 23	GV2ME21	5000
	11	15	20 - 25	GV2ME22	5000
	15	20	24 - 32	GV2ME32	8100
	15	20	24 - 32	GV2ME32	8100

With Rotary Handle Control

100 kA	-	-	0.1 - 0.16	GV2P01	3550
	0.06	-	0.16 - 0.25	GV2P02	
	0.09	-	0.25 - 0.40	GV2P03	
	0.18	-	0.40 - 0.63	GV2P04	
100 kA	0.37	0.5	0.63 - 1.0	GV2P05	4075
	0.55	0.75	1.0 - 1.6	GV2P06	
	0.75	1.0	1.6 - 2.5	GV2P07	
	1.1	2	2.5 - 4	GV2P08	
100 kA	2.2	3	4 - 6.3	GV2P10	4200
	3	5.5	6 - 10	GV2P14	
	5.5	7.5	9 - 14	GV2P16	
	7.5	10	13 - 18	GV2P20	
50 kA ⁽²⁾	9	12.5	17 - 23	GV2P21	6350
	11	15	20 - 25	GV2P22	
	15	20	24 - 32	GV2P32	
	18.5	25	30...40 A	GV3P40	
50 kA	22	29	37...50 A	GV3P50	12500
	30	40	48...65 A	GV3P65	
	37	50	62...73 A	GV3P73	
	37	50	62...73 A	GV3P73	

With Protection toggle control

50 kA	37	50	40...80	GV4PE80N	18500
	55	74	65...115	GV4PE115N	18500
70 kA	75	101	90 - 150	GV7RS150 ⁽³⁾	36850
	110	147	132 - 220	GV7RS220 ⁽³⁾	45100
50 kA	160	214	144-320	LV432776	51920
	200	268	225-500	LV432977	64940

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

☑ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

GV4LE/GV4L



- IEC/EN 60947-1, IEC/EN 60947-2, CCC, EAC
- Can be used with class 5, 10 or 20 relay
- Short Circuit Protection with an adjustable pick-up $I_i = 6$ to 14 I_n .
- From 0.25 - 55kW

Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In	Magnetic setting range	25kA breaking capacity		50kA breaking capacity		100kA breaking capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4LE02N	on request	GV4LE02S	on request
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4LE03N		GV4LE03S	
1.5..3	2..4	7	42..96	-	-	GV4LE07N		GV4LE07S	
3..5.5	4..7.5	12.5	75..175	-	-	GV4LE12N		GV4LE12S	
5.5..11	7.5..14	25	150..350	GV4LE25B	on request	GV4LE25N		GV4LE25S	
11..22	15..30	50	300..700	GV4LE50B		GV4LE50N		GV4LE50S	
18.5..37	25..50	80	480..1120	GV4LE80B	12800	GV4LE80N	15000	GV4LE80S	21700
30..55	40..75	115	690..1610	GV4LE115B	12800	GV4LE115N	15000	GV4LE115S	21700

Magnetic Protection Rotary Handle Control

Motor Power AC3 (400/415V AC)		In	Magnetic setting range	25kA breaking capacity		50kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	12..28	-	-	GV4L02N	10000
0.55..1.5	0.7..2	3.5	21..49	-	-	GV4L03N	
1.5..3	2..4	7	42..96	-	-	GV4L07N	
3..5.5	4..7.5	12.5	75..175	-	-	GV4L12N	
5.5..11	7.5..14	25	150..350	GV4L25B	on request	GV4L25N	13000
11..22	15..30	50	300..700	GV4L50B		GV4L50N	15800
18.5..37	25..50	80	480..1120	GV4L80B	13500	GV4L80N	
30..55	40..75	115	690..1610	GV4L115B	13500	GV4L115N	

GV4PE/GV4P



- IEC/EN 60947-1, IEC/EN 60947-2, IEC/EN 60947-4-1, UL 60497-4-1, CCC, EAC, CSA
- Overload or thermal protection
- Short time delay protection
- Short circuit protection
- Fixed Ground fault protection
- Phase unbalance or phase loss
- Front indications through LED
- Variable Trip class : Trip Class 10/ Trip Class 20

Thermal Magnetic Protection Toggle Control

Motor Power AC3 (400/415V AC)		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PE02N	14500	GV4PE02S	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PE03N		GV4PE03S	
1.5..3	2..4	7	2.9..7	-	-	GV4PE07N	16500	GV4PE07S	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PE12N		GV4PE12S	
5.5..11	7.5..14	25	10..25	GV4PE25B	on request	GV4PE25N		GV4PE25S	
11..22	15..30	50	20..50	GV4PE50B		GV4PE50N	18500	GV4PE50S	
18.5..37	25..50	80	40..80	GV4PE80B	16380	GV4PE80N		GV4PE80S	22150
30..55	40..75	115	65..115	GV4PE115B	16380	GV4PE115N		GV4PE115S	22150

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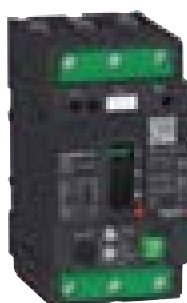
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GV4P

Thermal Magnetic Protection Rotary Handle Control

Motor power AC3**		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4P02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4P03N	
1.5..3	2..4	7	2.9..7	-	-	GV4P07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4P12N	
5.5..11	7.5..14	25	10..25	GV4P25B	on request	GV4P25N	
11..22	15..30	50	20..50	GV4P50B		GV4P50N	
18.5..37	25..50	80	40..80	GV4P80B	17200	GV4P80N	19400
30..55	40..75	115	65..115	GV4P115B	17200	GV4P115N	19400

GV4PEM



- IEC/EN 60947-1,-2,-4-1, UL 60947-4-1, CCC, EAC, CSA
- Short circuit and overload protection
- Embedded protection functions: jam, long start, phase unbalance or phase loss, ground fault
- LED indication on front face
- Remote indication, fault differentiation and alarming with the SDx module



Fully configurable on NFC using the TeSys GV4 app, available for select Android devices.

Multifunction Advanced Protection Toggle Control

Motor power AC3**		In	Thermal setting range	25kA breaking capacity		50kA breaking Capacity		100kA breaking Capacity	
kW	hP	(A)	A	Reference	LP	Reference	LP	Reference	LP
0.25..0.75	0.3..1	2	0.8..2	-	-	GV4PEM02N	on request	GV4PEM02N	on request
0.55..1.5	0.7..2	3.5	1.4..3.5	-	-	GV4PEM03N		GV4PEM03N	
1.5..3	2..4	7	2.9..7	-	-	GV4PEM07N		GV4PEM07N	
3..5.5	4..7.5	12.5	5..12.5	-	-	GV4PEM12N		GV4PEM12S	
5.5..11	7.5..14	25	10..25	GV4PEM25B	on request	GV4PEM25N	36000	GV4PEM25S	41000
11..22	15..30	50	20..50	GV4PEM50B	33000	GV4PEM50N		GV4PEM50S	
22..37	25..50	80	40..80	GV4PEM80B	34500	GV4PEM80N		GV4PEM80S	
37..55	40..75	115	65..115	GV4PEM115B	34500	GV4PEM115N		GV4PEM115S	

Auxiliary Contact Blocks



An auxiliary contact block provides one changeover contact with one common point for OF and SD function, depending on where it is inserted

Open/Close OF Function: indicates position of the circuit breaker contacts

Trip Alarm SD Function: indicates circuit breaker tripping due to:

- Electrical fault (overload, short circuit)
- Shunt trip/Undervoltage release
- "Push to Trip" Function

Resets when the circuit breaker is reset

Description	Maximum Number	Mounting	Type of Contacts	Reference	LP
Auxiliary Contact Block	2 (1 Each For Of Or Sd)	Internal Plug-In	NO+NC	GV4AE11	800

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MX Shunt Trip

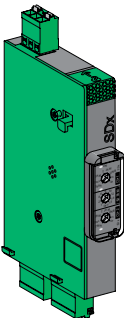
- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

MN Under Voltage Release

Trips the circuit breaker when the control voltage drops below 35% of its rated voltage

Description	Maximum Number	Mounting	Voltage	References	LP
Mx Shunt Trip	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AS027	2170
			48 VAC 50/60 HZ, 48 VDC	GV4AS057	
			110-130 VAC 50/60 HZ, 125 VDC	GV4AS137	
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ, 277 VAC 60 HZ	GV4AS287	
			380-415 VAC 50 HZ, 440-480 VAC 60 HZ	GV4AS487	
Mn Undervoltage Release	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AU027	2840
			48 VAC 50/60 HZ, 48 VDC	GV4AU057	
			110-130 VAC 50/60 HZ, 125VDC	GV4AU137	
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ	GV4AU247	
			277 VAC 60 HZ	GV4AU286	
			380-415 VAC 50 HZ	GV4AU415	
			440-480 VAC 60 HZ	GV4AU486	

SDx Contact Module (For GV4PEM)



Provides fault differentiation and alarming for GV4PEM

2 NO/NC outputs dry contacts which can be assigned to any of the following 8 SD status

- SDT 95% overload alarm when thermal image of the motor exceeds 95% of permissible temp rise
- SDTXXS overload alarm will trip in 10-40s (adjustable) with the same load
- SDTAM overload alarm before tripping - for phase imbalance, overload, jam, activates to open contactor before cb tripping
- SDT overload trip indication
- SDJAM jam trip indication
- SDUNB phase imbalance trip indication
- SDLS long start trip indication
- SDGF ground fault trip indication

Description	Maximum Number	Mounting	Type of Contacts	References	LP
SDx Alarming/Fault Differentiation Module	2	SIDE	NO/NC	GV4ADM1111	on request

Rotary Handles

Description	Type	Degree of Protection	Reference	LP
Direct Mounting Rotary Handle	Black	IP40	GV4ADN01	1140
	Red Handle on Yellow Bezel	IP40	GV4ADN02	
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Black	IP54	GV4APN01	1690
	Red Handle on Yellow Bezel	IP54	GV4APN02	1775
	Red Handle on Yellow Bezel	IP65	GV4APN04	
Side Rotary Handle (Left or Right)	Black	IP54	LV426935	2800
	Red Handle on Yellow Bezel	IP54	LV426936	

Connection Accessories

Description	Reference	LP
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940	600

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Accessories

Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
For GV2		
Front contact NO or NC ⁽¹⁾	GVAE1	730
Front contact NO + NC	GVAE11 ☒	890
	GVAE20	980
Side contact NO + NC	GVAN11 ☒	1075
	GVAN20	1075
Fault signalling contact + 1 NO contact ⁽²⁾	GVAD1010 ☒	1400
Fault signalling contact + 1 NC contact ⁽²⁾	GVAD1001	1400
Short circuit signalling contact block 1 C/O	GVAM11	1335
Undervoltage trip :	110 ... 115V 50Hz GVAU115	2415
	220 ... 240V 50Hz GVAU225	2560
	380 ... 400V 50Hz GVAU385	2560
Shunt trip :	110 ... 115V 50Hz GVAS115	2560
	220 ... 240V 50Hz GVAS225	2560
	380 ... 400V 50Hz GVAS385	2560
Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P.	GV1L3	4130
connection block - GV2 with contactor LC1-D09..D38	GV2AF3	505
connection block - LS1 D32 or GV2 with contactor LC1-K or LP1-K	GV2AF01	540
empty enclosure for GV2ME - plastic	GV2MP02	1850
	GV2MC02	2035

(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 LP [₹]
For GV2 Breakers			
45 mm	2	GV2G245	1090
	4	GV2G445	1720
54 mm	2	GV2G254	1280
	3	GV2G354	1440
	4	GV2G454	1805
	5	GV2G554	1955
72 mm	2	GV2G272	1535
	4	GV2G472	2205

Description	Reference	Unit LP [₹]
Accessories for Busbars		
terminal block - to supply one or more 3-pole busbar GV2	GV2G05	2765
Protective end covers for unused busbar outlets	GV1G10	485
terminal block for connection from top	GV1G09	1450

Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
For GV2-P/GV2-L		
external operator - IP54, Black	GV2APN01 ☒	2570
external operator - IP54, Yellow/Red	GV2APN02	4730
visible isolation block - for motor circuit breaker GV2	GV2AK00	2150
For GV3P/GV3L		
auxiliary Contacts		
Front contact: 1 NO (fault) + 1 NC (Auxiliary)	GVAED011	925
Front contact: 1 NO (fault) + 1 NO (Auxiliary)	GVAED101	1020

3-pole, 3 tap, 64 mm pitch	GV3G364	1045
S-shape bus bar	GV3S	785

IP54, Black	GV3APN01	3065
IP54, Yellow/Red	GV3APN02	2945

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 LP [₹]
For GV7			
accessory for direct rotary handle mount on door ⁽²⁾	-	GV7AP05	1690
auxiliary contact - 1 OC	-	GV7AE11 ☒	1660
clip-on connector - upto 150 A - 1.5..95 mm ²	-	GV7AC021	680
clip-on connector- upto 220 A - 1.5..185 mm ²	-	GV7AC022	645
fault discrimination device	24...72V DC/ 24...48V AC	GV7AD111	4870
	110 ... 240V AC/ DC	GV7AD112	4870
front rotary handle GV7AP	-	GV7AP03	2860
GV7R - black handle ⁽²⁾	-	GV7AP01	4980
padlocking device - 1..3 padlocks Ø 5.8mm shank ⁽³⁾	-	GV7V01	785
phase barriers	-	GV7AC04	875
terminal shields IP405 ⁽¹⁾	-	GV7AC01	1765

For GV7			
Shunt release	110...130 V AC 50/60 Hz	GV7AS107	3785
	200...240 V AC 50/60 Hz	GV7AS207	3785
	380...440 V AC 50/60 Hz	GV7AS387	3645
Under Voltage release	110...130 V AC 50/60 Hz	GV7AU107	3905
	200...240 V AC 50/60 Hz	GV7AU207	3905
	380...440 V AC 50/60 Hz	GV7AU387	3905
3-pole spreader - for motor circuit breaker GV7 45 mm pitch		GV7AC03	1130

(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

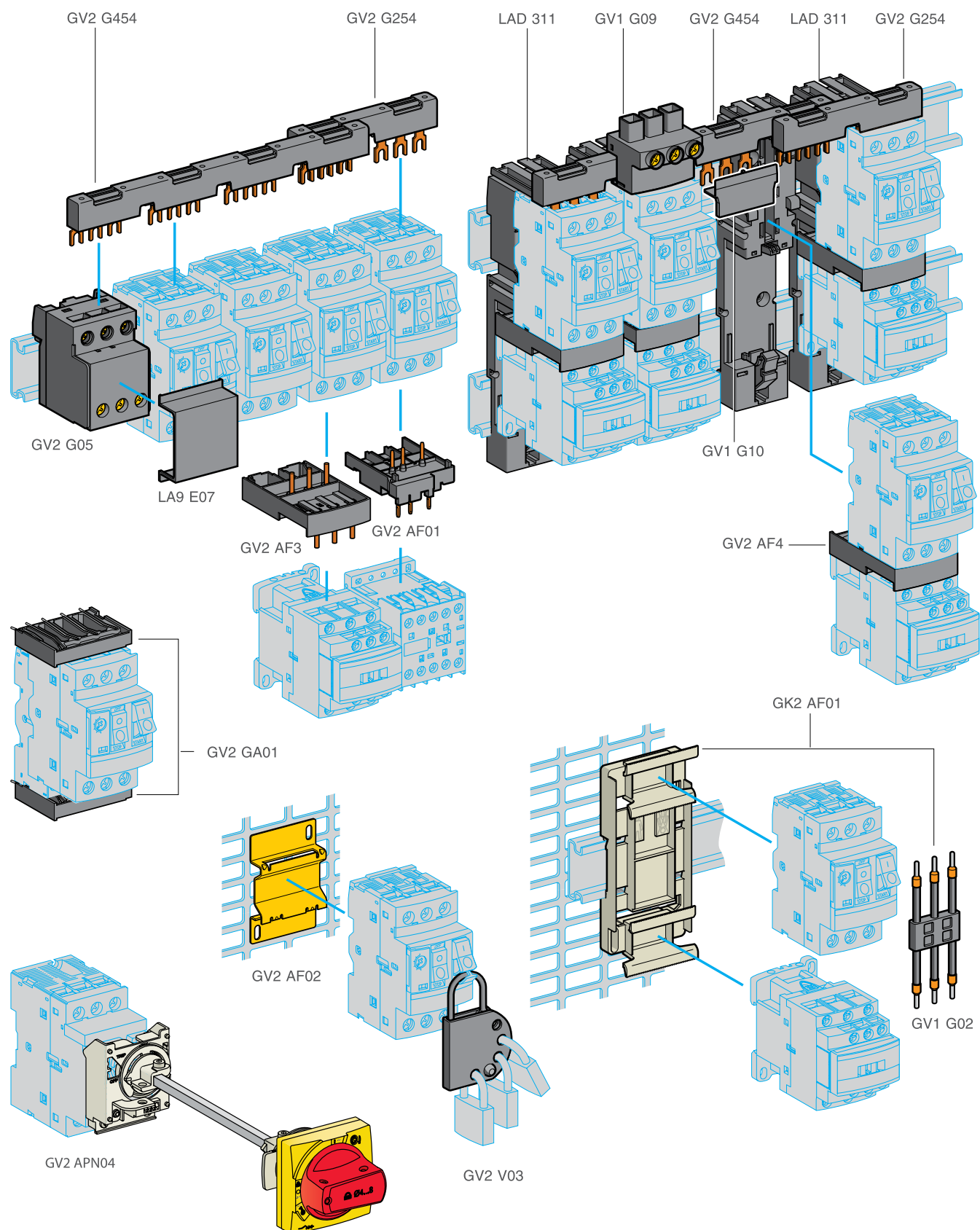
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TeSys

Accessories compatibility



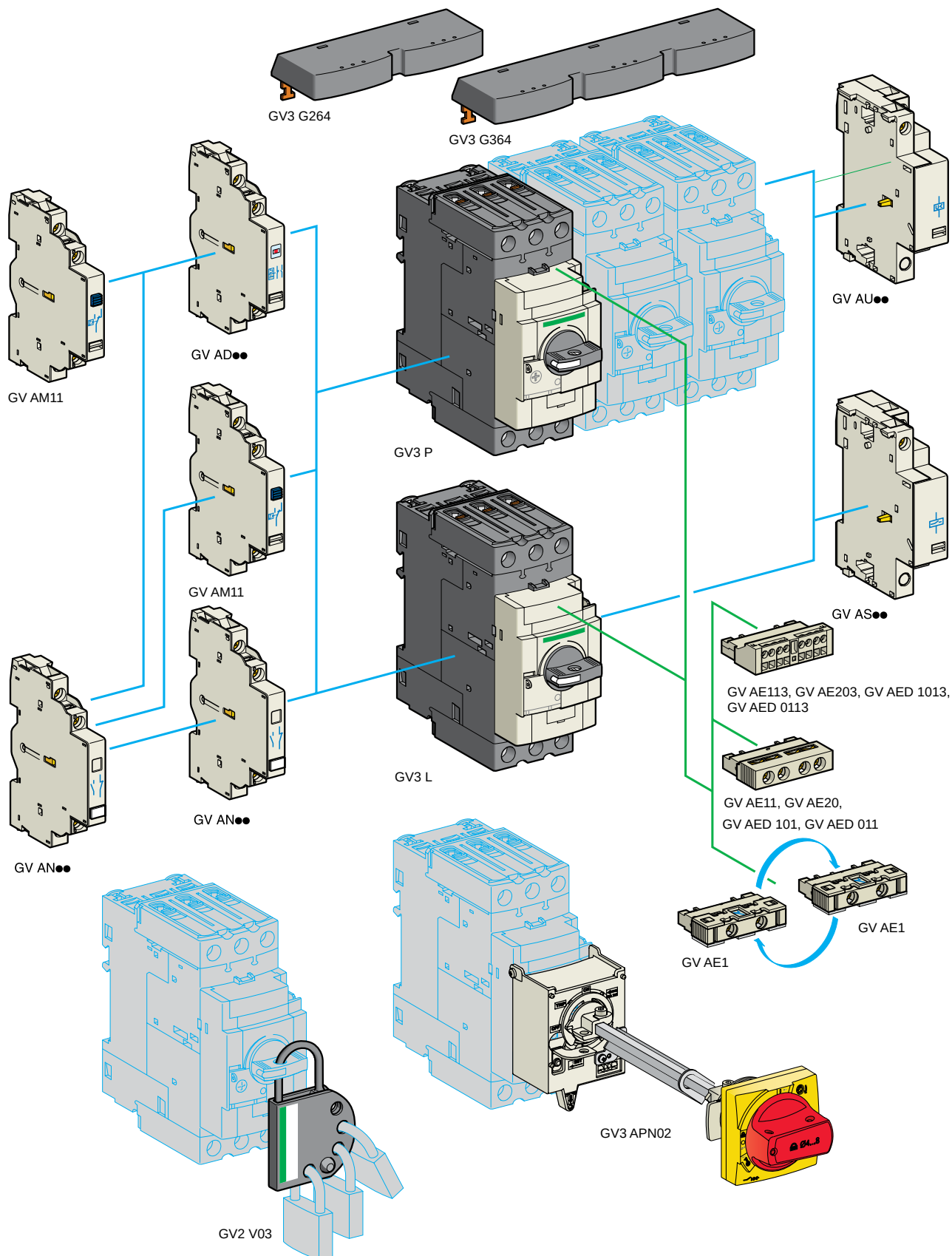
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TeSys

Accessories compatibility

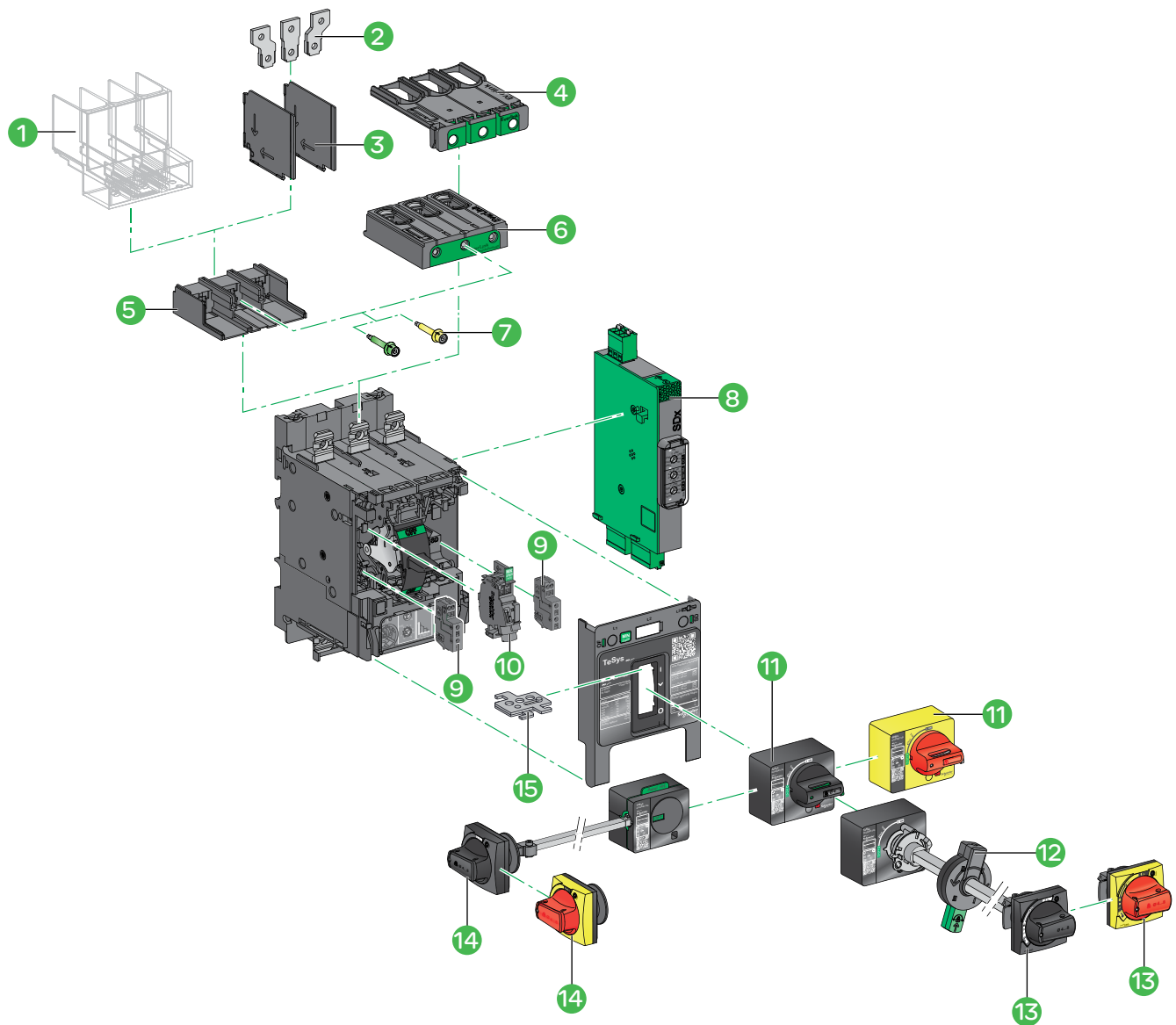


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TeSys GV4 Overview



- ❶ Long terminal shield LAD96590
- ❷ Terminal spreaders LV426940
- ❸ Interphases barriers LV426920
- ❹ Large spacing cover for EverLink connector GV4G66
- ❺ Crimp lug connector GV4LUG
- ❻ EverLink® connector LAD96595
- ❼ Torque limiting breakaway bits LV42699p
- ❽ SDx alarming/fault differentiation module GV4ADM1111 (only with GV4PEM)
- ❾ Auxiliary contact block for OF or SD function GV4AE11
- ❿ - MN undervoltage release GV4AUpp
- MX shunt trip GV4ASpp
- ⓫ Direct mounting black or red on yellow bezel rotary handle GV4ADN01/ GV4ADN02
- ⓬ Open door shaft operator (for front extended rotary handle) LV426937
- ⓭ Front extended rotary handle kit with red handle on yellow bezel or black handle GV4APN01/ GV4APN02 /GV4APN04
- ⓮ Side rotary handle kit with red handle on yellow bezel or black handle LV426935/LV426936.
- ⓯ Toggle locking device 29370

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Lineryg

Lineryg is tailored for your flexible panel needs (changes right up to the last minute)

Because Lineryg is:

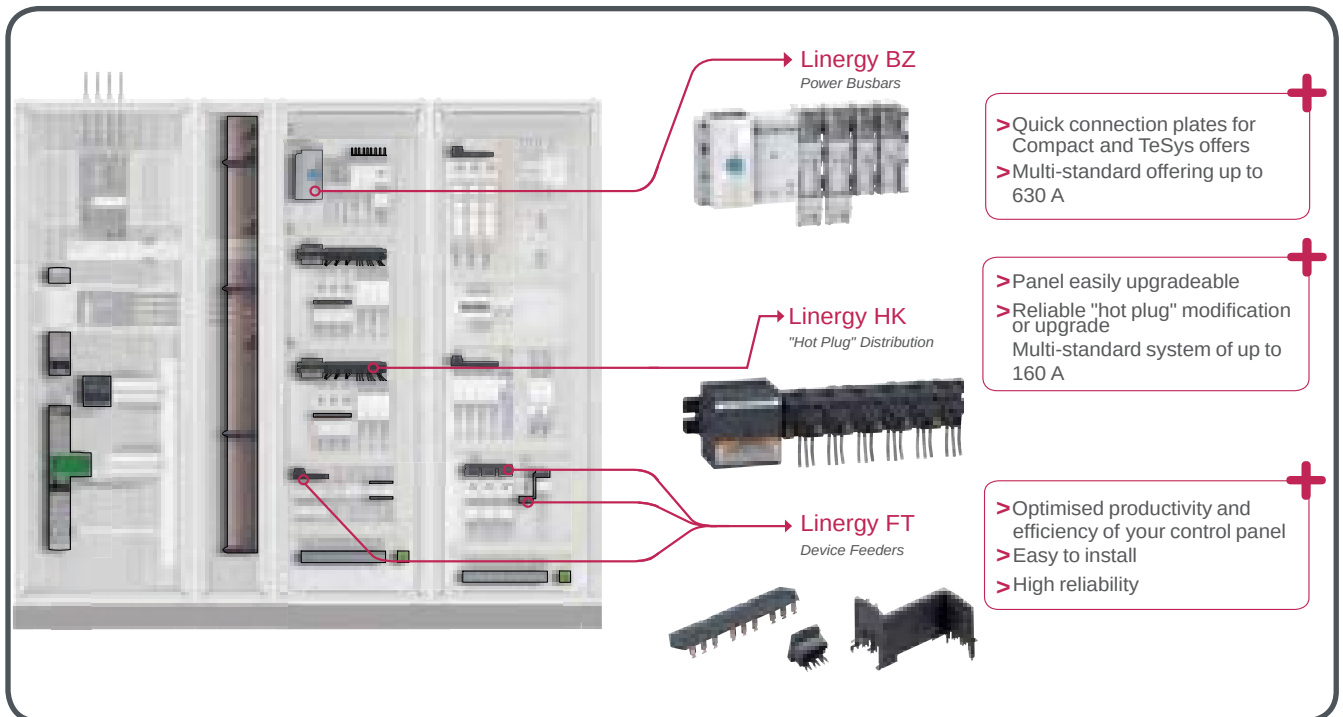
Flexible



Safer



Reliable



- > Quick Installation
- > Multi Standard Offer
- > Intuitive Solution

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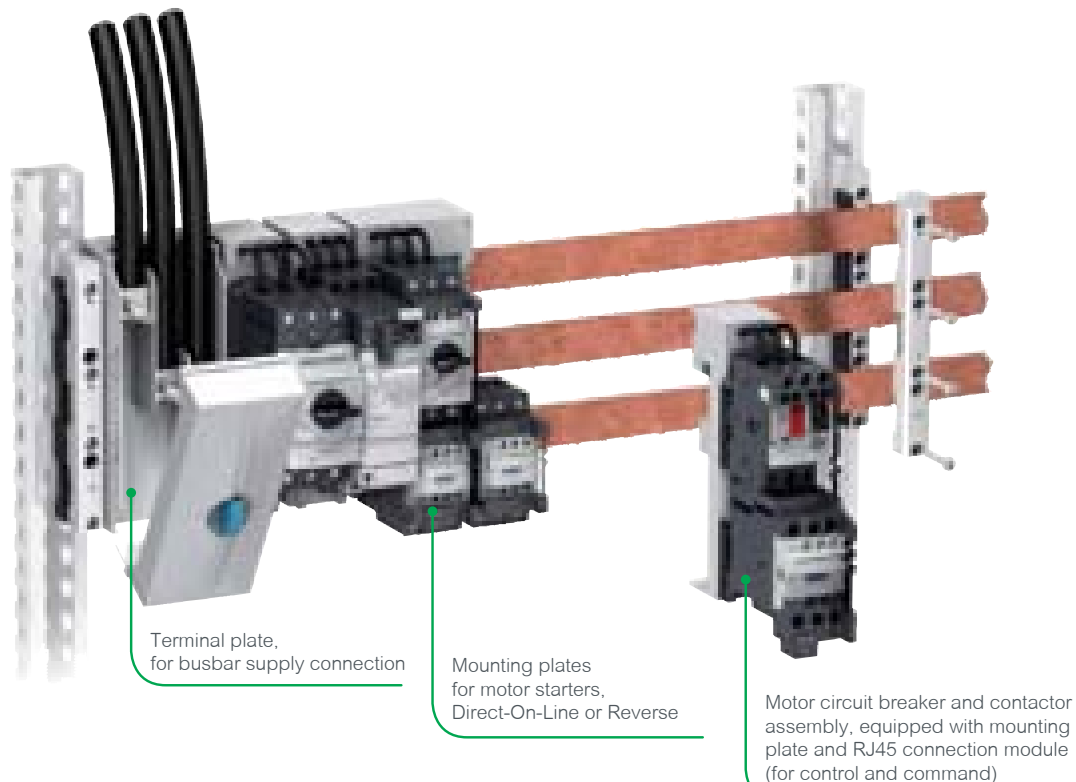
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Linergy BZ

Linergy BZ, Multistandard power busbar system,
Application: power distribution to motor starters

In control switchboards, when space saving, quick mounting and replacement are required



Advantages

- Considerable space saving: components are directly mounted on the busbar
- Large choice of mounting plates (for GV2, GV3 motor circuit breakers and assemblies, GV7, TeSys U)
- Quick connection, disconnection (power off): clip-on mounting plates
- Vibration resistant busbar connections: no periodical re-tightening required

Detailed view: back face of a motor starter mounting plate

- A reliable electrical contact is ensured by copper blades
- The blue part locks the mounting plate on the busbar, compatibility is provided with standard profiles:
 - ✓ Height 12, 15, 20, 25 or 30 mm,
 - ✓ Width 5 or 10 mm



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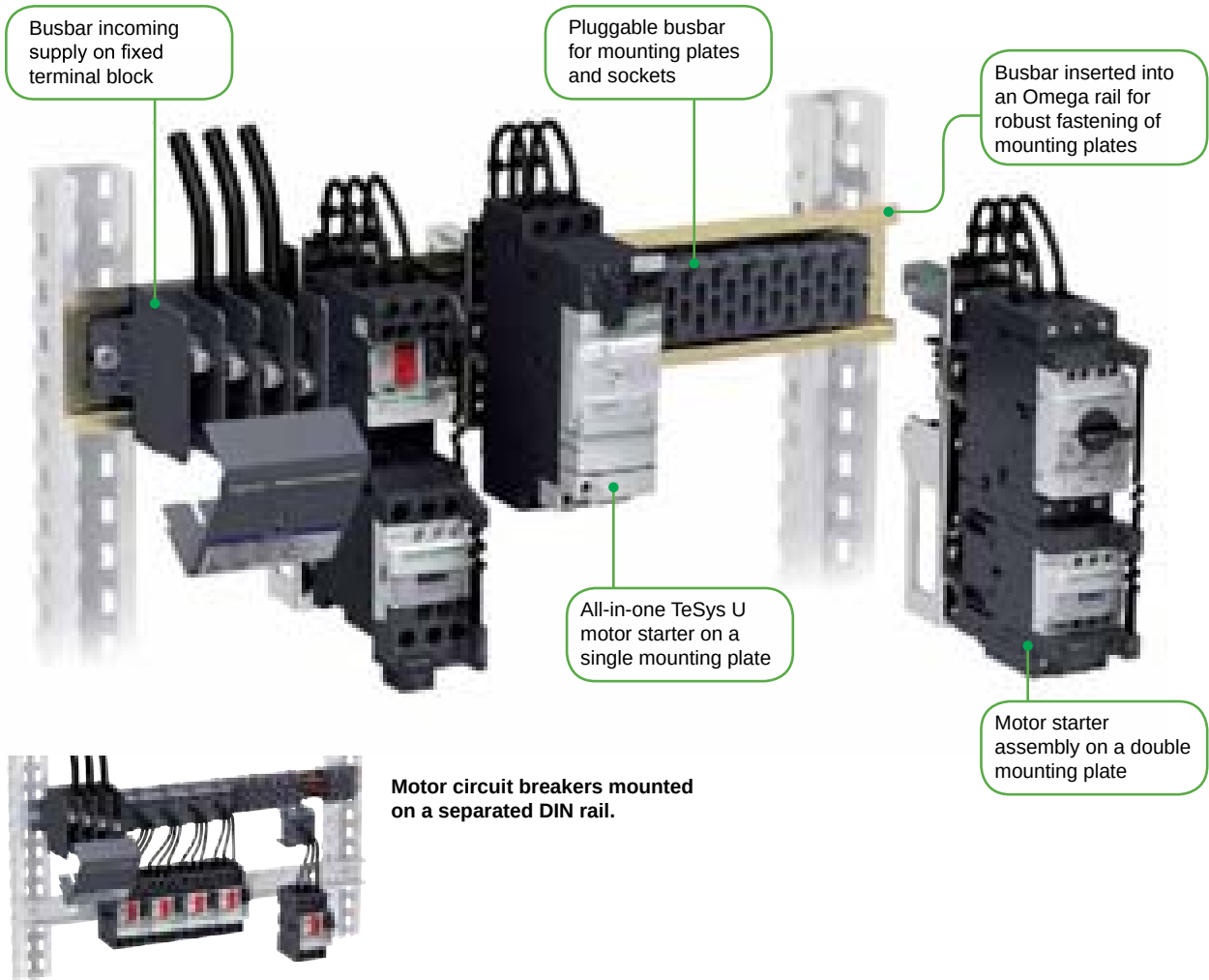
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Linergy HK

Linergy HK, Multistandard hot-plug busbar system,
Application: electrical distribution to motor starters

When compactness and continuity of service are required

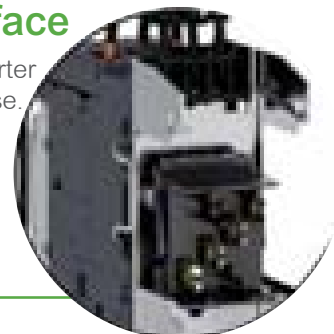


Advantages

- Space saving in compact enclosures: the total volume is reduced to that of the motor starter assemblies
- Preserved continuity of service during modification and maintenance: live connection, disconnection (off load)
- Wide adaptability: 6 busbar lengths from 344 to 1100 mm, 12 models of sockets, 23 mounting plates for motor starters up to 25 or 50 A

Detailed view: mounting plate back face

- Thanks to the plug and its pre-cabled wires the motor starter is safely assembled in the workshop, for immediate or later use.
- A piece of DIN profile rail is attached on the front face of the mounting plate for fastening the components.
- The metal mounting plate ensures a rigid and robust fastening on the omega rail.



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TeSys Switches

Vario Switch Disconnectors

[Ithe] Conventional Thermal Current**	poles Description	rated Operational Power (AC 23)*	Reference	Unit LP [₹]
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Complete Enclosed Switches

• Range 12 to 175 A, IP 65 Sealable and Lockable

10 A	3P	4 KW	VCF02GE	2520
16 A	3P	5.5 KW	VCF01GE	2745
20 A	3P	7.5 KW	VCF0GE	3335
25 A	3P	11 KW	VCF1GE	3580
32 A	3P	15 KW	VCF2GE	4195
50 A	3P	22 KW	VCF3GE	6485
63 A	3P	30 KW	VCF4GE	7590

* Rated Power at 415 V

** Ith in enclosure

For Switch Type (Amps)	Mounting Arrangement	Ingress	Reference	Unit LP [₹]
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Operators (Padlockable)

12 - 40 A	4 Screw Fixing	IP65	KCF1PZ	550
63 - 80 A	4 Screw Fixing	IP65	KCF2PZ	585
125 - 175 A	4 Screw Fixing	IP40	KCF3PZ	2390

Accessories

Description	For Use with switch Bodies	Rating Pole	Pole Composition	Earth Contact	Auxiliary contacts	Reference	Unit LP [₹]
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Vario Add-on Modules ⁽¹⁾

Main Pole Module	V02/VCF02	12 A	1P	-	-	VZ02	735
	V01/VCF01	20 A	1P	-	-	VZ01	755
	V0/VCF0	25 A	1P	-	-	VZ0	800
	V1/VCF1	32 A	1P	-	-	VZ1	785
	V2/VCF2	40 A	1P	-	-	VZ2	840
	V3/VCF3	63 A	1P	-	-	VZ3	1090
	V4/VCF4	80 A	1P	-	-	VZ4	1090
Neutral Pole Module ⁽²⁾	V02 / VCF02 to V2 / VCF2	-	1N	-	-	VZ11	895
	V3 / VCF3 to V4 / VCF4	-	1N	-	-	VZ12	1205
	V5 / VCF5 to V6 / VCF6	-	1N	-	-	VZ13	2485
Earthing Module	V02 / VCF02 to V2 / VCF20	-	-	-	-	VZ14	885
	V3 / VCF3 to V4 / VCF4	-	-	1	-	VZ15	1045
	V5 / VCF5 to V6 / VCF6	-	-	1	-	VZ16	1625
Auxiliary Contact	V02/ VCF02 to V6 / VCF6	-	-	-	1 NO + 1 NC	VZ7	925
Block Module	V2/ VCF02 to V6 / VCF6	-	-	-	2 NO	VZ20	925

(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 LP [₹]
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Components for Door Interlocking

shaft extension - for Mini-VARIO and VARIO - V02..V2	V02...V2	VZ17	885
		VZ30	1045
shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6	V3, V4, V5, V6	VZ18	1045
		VZ31	1195
Door interlock plate	VZ17 / VZ30	KZ32	230
		KZ74	400

Input Terminal Protection Shrouds

Terminal Shrouds	V02 - V2	VZ8	295
		VZ26	260
	V3 - V4	VZ9	315
		VZ27	260
	V5 - V6	VZ10	400
		VZ28	445
	V02 - V6	VZ29	295

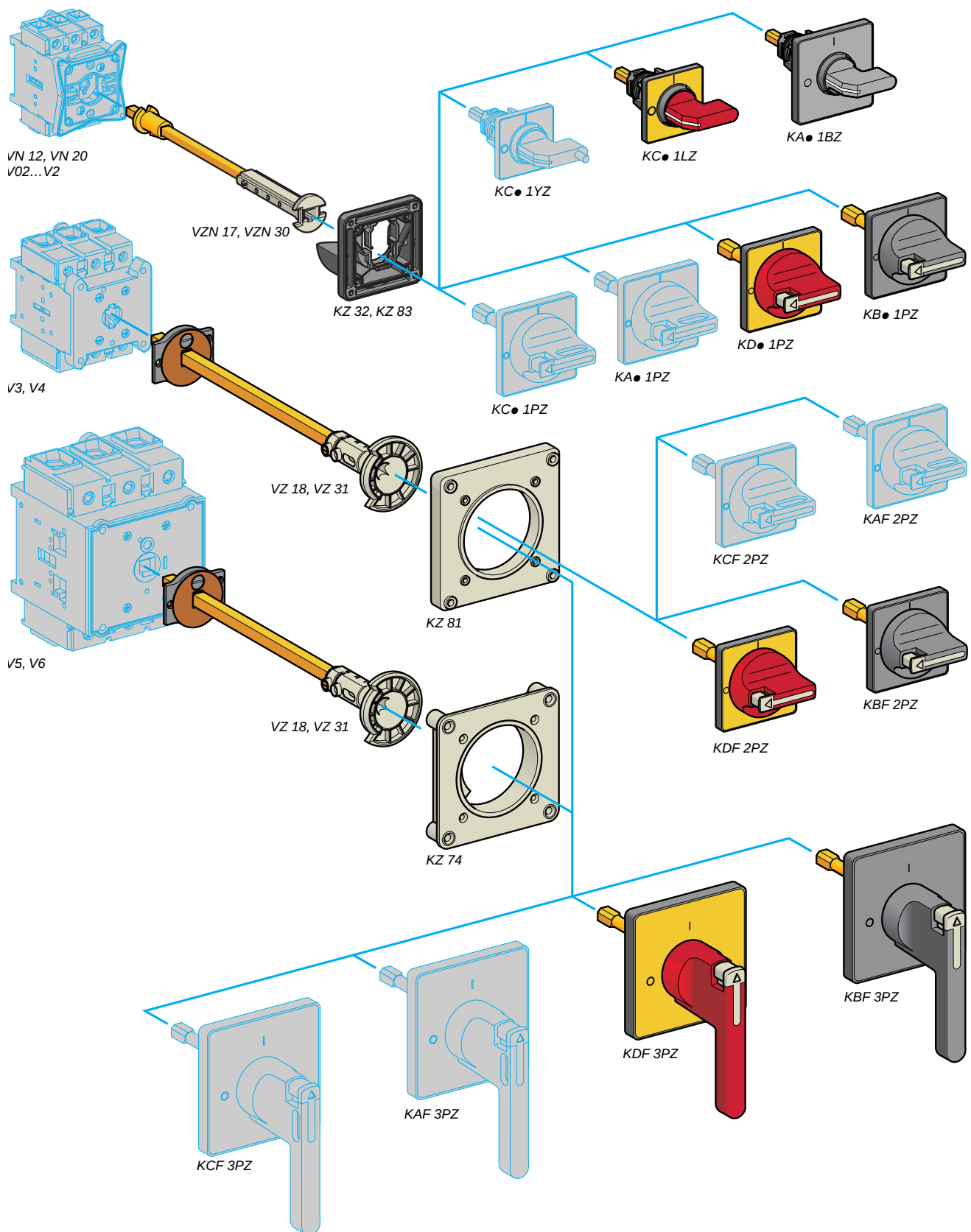
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TeSys Switches

Accessories



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Compact NSXm circuit breakers: Optimized for your needs

The Compact NSXm range of circuit breakers and switch disconnectors is a newcomer in the Compact NSX family. It is one of the smallest on the market with innovative features. Built on the design of roto-active breaking technology, we have made it as robust as Compact NSX products.

Compact NSXm main features and innovations

- Rated Current, In (A) – 16, 25, 32, 40, 50, 63, 80, 100, 125, 160
- Breaking capacity (kA) at 415V – 16, 25, 36, 50, 70
- Thermal magnetic trip unit integrated
- Built-in DIN rail and plate mount
- Auxiliaries externally visible
- EverLink™ connectors



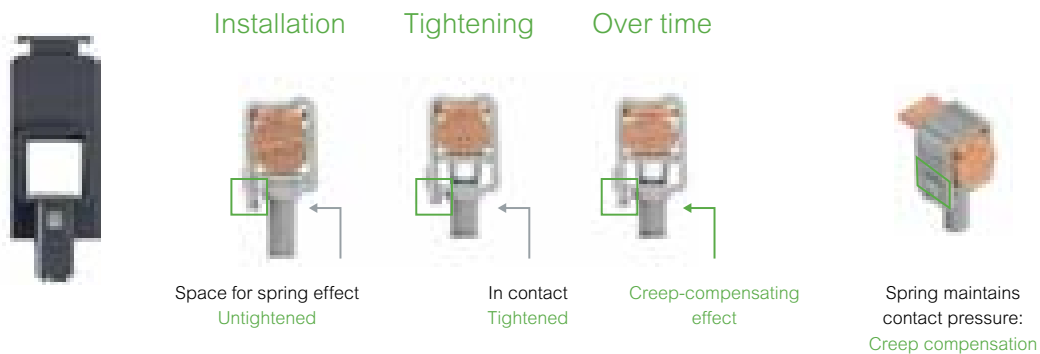
EverLink™ patented technology

The Compact NSXm features a new cable connection method with patented creep-compensating technology built directly into the terminal - EverLink™:

- With EverLink™ connectors, save space and time during panel assembly.
- Bare cable connections are as safe as compression lug ones.



More than 35 patents have been registered for this new Compact NSXm offer.



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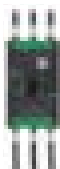
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With Thermal Magnetic Trip Unit (TMD) and Compression Lug connectors



LUG CONNECTION



- $I_{cs} = 100\% I_{cu}$ as per IEC 60947-2
- Adjustable thermal setting $0.7 - 1 \times I_n$
- 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

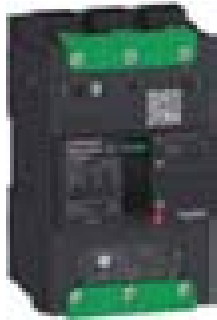
Breaking Capacity I_{cu} as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426150	6830	LV426160	9770
	25A	LV426151	6830	LV426161	9770
	32A	LV426152	6830	LV426162	9770
	40A	LV426153	6830	LV426163	9770
	50A	LV426154	6830	LV426164	9770
	63A	LV426155	6830	LV426165	9770
	80A	LV426156	6830	LV426166	9770
	100A	LV426157	6830	LV426167	9770
	125A	LV426158	12520	LV426168	15480
25kA	160A	LV426159	13660	LV426169	16940
	16A	LV426250	7440	LV426260	10740
	25A	LV426251	7440	LV426261	10740
	32A	LV426252	7440	LV426262	10740
	40A	LV426253	7440	LV426263	10740
	50A	LV426254	7440	LV426264	10740
	63A	LV426255	7440	LV426265	10740
	80A	LV426256	7440	LV426266	10740
	100A	LV426257	7440	LV426267	10740
36kA	125A	LV426258	13630	LV426268	16710
	160A	LV426259	15050	LV426269	18750
	16A	LV426350	9540	LV426360	12220
	25A	LV426351	9540	LV426361	12220
	32A	LV426352	9540	LV426362	12220
	40A	LV426353	9540	LV426363	12220
	50A	LV426354	9540	LV426364	12220
	63A	LV426355	9540	LV426365	12220
	80A	LV426356	9540	LV426366	12220
50kA	100A	LV426357	9540	LV426367	12220
	125A	LV426358	14370	LV426368	17860
	160A	LV426359	15900	LV426369	19770
	16A	LV426450	12590	LV426460	15440
	25A	LV426451	12590	LV426461	15440
	32A	LV426452	12590	LV426462	15440
	40A	LV426453	12590	LV426463	15440
	50A	LV426454	12590	LV426464	15440
	63A	LV426455	12590	LV426465	15440
70kA	80A	LV426456	12590	LV426466	15440
	100A	LV426457	12590	LV426467	15440
	125A	LV426458	17120	LV426468	20220
	160A	LV426459	18050	LV426469	21920
	16A	LV426550	14440	LV426560	18090
	25A	LV426551	14440	LV426561	18090
	32A	LV426552	14440	LV426562	18090
	40A	LV426553	14440	LV426563	18090
	50A	LV426554	14440	LV426564	18090
	63A	LV426555	14440	LV426565	18090
	80A	LV426556	14440	LV426566	18090
	100A	LV426557	14440	LV426567	18090
	125A	LV426558	26910	LV426568	28750
	160A	LV426559	27440	LV426569	29320

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

With Thermal Magnetic Trip Unit (TMD) and EverLink™ connectors



EVERLINK



- Ics = 100% Icu as per IEC 60947-2
- Adjustable thermal setting 0.7 – 1 x In
- Fixed magnetic settings
- Single frame size upto 160A
- 5 breaking capacities from 16kA to 70kA
- With Patented EverLink™ 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 LP [₹]	Four Pole Reference	Unit LP [₹]
16kA	16A	LV426100	6830	LV426110	9770
	25A	LV426101	6830	LV426111	9770
	32A	LV426102	6830	LV426112	9770
	40A	LV426103	6830	LV426113	9770
	50A	LV426104	6830	LV426114	9770
	63A	LV426105	6830	LV426115	9770
	80A	LV426106	6830	LV426116	9770
	100A	LV426107	6830	LV426117	9770
	125A	LV426108	12520	LV426118	15480
25kA	160A	LV426109	13660	LV426119	16940
	16A	LV426200	7440	LV426210	10740
	25A	LV426201	7440	LV426211	10740
	32A	LV426202	7440	LV426212	10740
	40A	LV426203	7440	LV426213	10740
	50A	LV426204	7440	LV426214	10740
	63A	LV426205	7440	LV426215	10740
	80A	LV426206	7440	LV426216	10740
	100A	LV426207	7440	LV426217	10740
36kA	125A	LV426208	13630	LV426218	16710
	160A	LV426209	15050	LV426219	18750
	16A	LV426300	9540	LV426310	12220
	25A	LV426301	9540	LV426311	12220
	32A	LV426302	9540	LV426312	12220
	40A	LV426303	9540	LV426313	12220
	50A	LV426304	9540	LV426314	12220
	63A	LV426305	9540	LV426315	12220
	80A	LV426306	9540	LV426316	12220
50kA	100A	LV426307	9540	LV426317	12220
	125A	LV426308	14370	LV426318	17860
	160A	LV426309	15900	LV426319	19770
	16A	LV426400	12590	LV426410	15440
	25A	LV426401	12590	LV426411	15440
	32A	LV426402	12590	LV426412	15440
	40A	LV426403	12590	LV426413	15440
	50A	LV426404	12590	LV426414	15440
	63A	LV426405	12590	LV426415	15440
70kA	80A	LV426406	12590	LV426416	15440
	100A	LV426407	12480	LV426417	15440
	125A	LV426408	17120	LV426418	20220
	160A	LV426409	18050	LV426419	21920
	16A	LV426500	14440	LV426510	18090
	25A	LV426501	14440	LV426511	18090
	32A	LV426502	14440	LV426512	18090
	40A	LV426503	14440	LV426513	18090
	50A	LV426504	14440	LV426514	18090
	63A	LV426505	14440	LV426515	18090
	80A	LV426506	14440	LV426516	18090
	100A	LV426507	14440	LV426517	18090
	125A	LV426508	26910	LV426518	28750
	160A	LV426509	27440	LV426519	29320

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

- 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

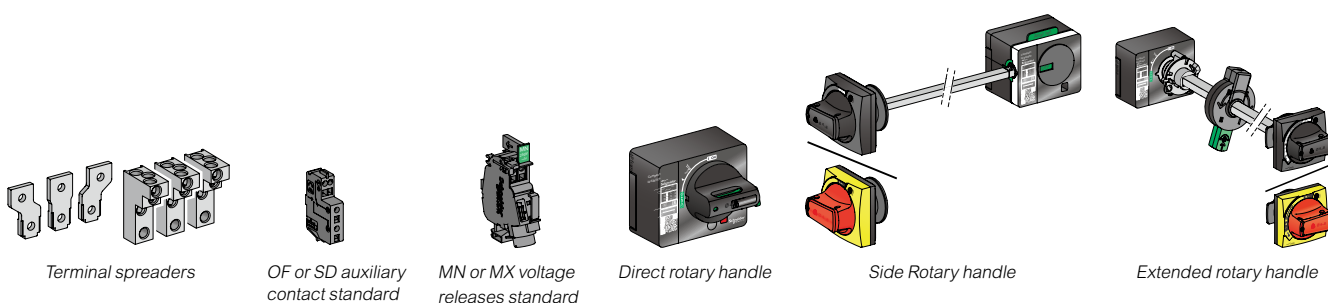
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426650	8490	LV426660	12550
100A	LV426651	8490	LV426661	12550
160A	LV426652	17370	LV426662	23160

Compact NSXm NA switch-disconnector

With EverLink™ connectors

Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426600	8550	LV426610	12650
100A	LV426601	8550	LV426611	12650
160A	LV426602	17500	LV426612	23350

Accessories for Compact NSXm 16A to 160A



NSXm Accessories

Auxiliary contacts (changeover)

Description	Reference	Unit LP [₹]
Standard OF or SD	LV426950	800

Rotary Handles

Description	Reference	Unit LP [₹]
Direct rotary handle		
Standard black handle	LV426930	1100
Extended rotary handle		
Standard extended rotary black handle	LV426932	1650
Side rotary handle		
Standard side rotary black handle	LV426935	2800

Rotary Handles

Description	Reference	Unit LP [₹]
Spreaders & Phase Barriers		
Spreaders (Set of 3) 3P	LV426940	600
Spreaders (Set of 4) 4P	LV426941	600

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Under Voltage Reference	Unit LP [₹]
AC				
24 V 50/60 Hz	LV426841	2000	LV426801	2600
48 V 50/60 Hz	LV426842		LV426802	
110-130 V 50/60 Hz	LV426843		LV426803	
220-240 V 50/60 Hz	LV426844		LV426804	
380-415 V 50 Hz	LV426846		LV426806	
DC				
24 V	LV426841	2000	LV426801	2600
48 V	LV426842		LV426802	
125 V	LV426843		LV426803	
250 V	LV426844		LV426815	

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

EasyPact NKS

Fixed Thermal Magnetic Trip Unit (TMD)

- Conforms to IEC60947-2

Breaking Capacity Icu as per IEC60947-2	Rated Current	Reference	Unit MRP [₹]
10kA *	15	NKS100R015AC3P	1650
	20	NKS100R020AC3P	1650
	25	NKS100R025AC3P	1650
	32	NKS100R032AC3P	1650
	40	NKS100R040AC3P	1650
	50	NKS100R050AC3P	1650
	63	NKS100R063AC3P	1650
	75	NKS100R075AC3P	1650
	100	NKS100R100AC3P	1650
	110	NKS160R110AC3P	3800
	125	NKS160R125AC3P	3800
	140	NKS160R140AC3P	4200
	150	NKS160R150AC3P	4200
	160	NKS160R160AC3P	4200
	175	NKS200R175AC3P	5550
	200	NKS200R200AC3P	5550

*Ics=5kA

EasyPact EZC

Fixed Thermal Magnetic Trip Unit (TMD)

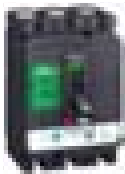


- Conforms to IEC60947-2
- Suitable for isolation
- Suitable for EasyPact Busbar system

Breaking Capacity Icu as per IEC 60947-2	Rated Current	Three Pole Reference	Unit MRP [₹]	Four Pole Reference	Unit MRP [₹]
30kA	15A	EZC100H3015	4350	EZC100H4015	6030
	20A	EZC100H3020		EZC100H4020	
	25A	EZC100H3025		EZC100H4025	
	32A	EZC100H3032		EZC100H4032	
	40A	EZC100H3040		EZC100H4040	
	50A	EZC100H3050		EZC100H4050	
	63A	EZC100H3063		EZC100H4063	
	80A	EZC100H3080		EZC100H4080	
	100A	EZC100H3100		EZC100H4100	

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					
25kA	16A	LV510300 ☒	6480	LV510310	8960
	25A	LV510301 ☒	6480	LV510311 ☒	8960
	32A	LV510302 ☒	6480	LV510312 ☒	8960
	40A	LV510303 ☒	6480	LV510313 ☒	8960
	50A	LV510304 ☒	6480	LV510314	8960
	63A	LV510305 ☒	6480	LV510315 ☒	8960
	80A	LV510306 ☒	6480	LV510316 ☒	8960
	100A	LV510307 ☒	6480	LV510317 ☒	8960
	125A	LV516302 ☒	9390	LV516312 ☒	11360
	160A	LV516303 ☒	12250	LV516313 ☒	14510
	200A	LV525302 ☒	16220	LV525312	20040
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 ☒	18890	LV525313	22960

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

EasyPact NKS/EZC

Description	EZC100 Reference	Unit LP [₹]
Auxiliary Contacts (changeover) Multifunction		
Auxiliary Switch 1 C/O	EZAUX10 ☒	770
Alarm Switch 1 C/O	EZAUX01	770
Alarm - Auxiliary Switch	EZAUX11 ☒	1165
Spreaders		
Spreaders *(Set Of 3) 3P	EZASPDR3P ☒	310
Spreaders *(Set Of 4) 4P	EZASPDR4P ☒	420
Phase Barriers		
	EZAFASB2	195
Rotary Handle		
Direct Rotary handle	EZAROTDS ☒	1110
Shunt Release		
AC		
200-240V	EZASHT200AC ☒	1640
200-240 V (Under Voltage Release)	EZAUVR200AC ☒	on Request

EasyPact CVS

Auxiliary Contacts (Changeover) Multifunction

Description	Reference	Unit LP [₹]
OF or SD or SDE or SDV	29450 ☒	850

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
220-240 V 50/60 Hz	LV429387 ☒	2180	LV429407 ☒	2815

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	LV431563 ☒	620
Spreaders (Set of 4) 4P	LV431564 ☒	820

Rotary Handles

Description	100/160/250A Reference	Unit LP [₹]
Direct rotary handle		
Standard black handle	LV429337 ☒	1120
Extended rotary handle		
Standard extended rotary handle	LV429338 ☒	1770

For details on non standard references, technical parameters, accessories, compatibility, stockable and non stockable status please contact Customer Care

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

AC Miniature Circuit Breakers - xC60



- 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 LP [₹]	2 Pole Reference	Unit LP [₹]	3 Pole Reference	Unit LP [₹]	4 Pole Reference	Unit LP [₹]
Module Width**	1 mod		2 mod		3 mod		4 mod	
MOQ	12 Nos.		6 Nos.		4 Nos.		3 Nos.	

B curve

6	A9N1P06B ✓	314	A9N2P06B ✓	948	A9N3P06B ✓	1550	A9N4P06B ✓	2090
10	A9N1P10B ✓	314	A9N2P10B ✓	948	A9N3P10B ✓	1550	A9N4P10B ✓	2090
16	A9N1P16B ✓	314	A9N2P16B ✓	948	A9N3P16B ✓	1550	A9N4P16B ✓	2090
20	A9N1P20B ✓	314	A9N2P20B ✓	948	A9N3P20B ✓	1550	A9N4P20B ✓	2090
25	A9N1P25B ✓	314	A9N2P25B ✓	948	A9N3P25B ✓	1550	A9N4P25B ✓	2090
32	A9N1P32B ✓	314	A9N2P32B ✓	948	A9N3P32B ✓	1550	A9N4P32B ✓	2090
40	A9N1P40B ✓	694	A9N2P40B ✓	1530	A9N3P40B ✓	2365	A9N4P40B ✓	3010
50	A9N1P50B ✓	694	A9N2P50B ✓	1530	A9N3P50B ✓	2365	A9N4P50B ✓	3010
63	A9N1P63B ✓	700	A9N2P63B ✓	1545	A9N3P63B ✓	2385	A9N4P63B ✓	3040

C curve

1	A9N1P01C ✓	488	A9N2P01C ✓	1320	A9N3P01C ✓	2040	A9N4P01C ✓	2575
2	A9N1P02C ✓	488	A9N2P02C ✓	1320	A9N3P02C ✓	2040	A9N4P02C ✓	2575
3	A9N1P03C ✓	488	A9N2P03C ✓	1320	A9N3P03C ✓	2040	A9N4P03C ✓	2575
4	A9N1P04C ✓	488	A9N2P04C ✓	1320	A9N3P04C ✓	2040	A9N4P04C ✓	2575
6	A9N1P06C ✓	314	A9N2P06C ✓	948	A9N3P06C ✓	1550	A9N4P06C ✓	2090
10	A9N1P10C ✓	314	A9N2P10C ✓	948	A9N3P10C ✓	1550	A9N4P10C ✓	2090
16	A9N1P16C ✓	314	A9N2P16C ✓	948	A9N3P16C ✓	1550	A9N4P16C ✓	2090
20	A9N1P20C ✓	314	A9N2P20C ✓	948	A9N3P20C ✓	1550	A9N4P20C ✓	2090
25	A9N1P25C ✓	314	A9N2P25C ✓	948	A9N3P25C ✓	1550	A9N4P25C ✓	2090
32	A9N1P32C ✓	314	A9N2P32C ✓	948	A9N3P32C ✓	1550	A9N4P32C ✓	2090
40	A9N1P40C ✓	694	A9N2P40C ✓	1530	A9N3P40C ✓	2365	A9N4P40C ✓	3010
50	A9N1P50C ✓	694	A9N2P50C ✓	1530	A9N3P50C ✓	2365	A9N4P50C ✓	3040
63	A9N1P63C ✓	700	A9N2P63C ✓	1545	A9N3P63C ✓	2385	A9N4P63C ✓	3040

D curve

1	A9N1P01D ✓	492	A9N2P01D	1330	A9N3P01D ✓	2080	----	----
2	A9N1P02D ✓	492	A9N2P02D ✓	1330	A9N3P02D ✓	2080	A9N4P02D	2590
3	A9N1P03D ✓	492	A9N2P03D ✓	1330	A9N3P03D ✓	2080	A9N4P03D	2590
4	A9N1P04D ✓	492	A9N2P04D ✓	1330	A9N3P04D ✓	2080	A9N4P04D	2590
6	A9N1P06D ✓	414	A9N2P06D ✓	994	A9N3P06D ✓	1630	A9N4P06D ✓	2170
10	A9N1P10D ✓	414	A9N2P10D ✓	994	A9N3P10D ✓	1630	A9N4P10D ✓	2170
16	A9N1P16D ✓	414	A9N2P16D ✓	994	A9N3P16D ✓	1630	A9N4P16D ✓	2170
20	A9N1P20D ✓	414	A9N2P20D ✓	994	A9N3P20D ✓	1630	A9N4P20D ✓	2170
25	A9N1P25D ✓	414	A9N2P25D ✓	994	A9N3P25D ✓	1630	A9N4P25D ✓	2170
32	A9N1P32D ✓	414	A9N2P32D ✓	994	A9N3P32D ✓	1630	A9N4P32D ✓	2170
40	A9N1P40D ✓	748	A9N2P40D ✓	1620	A9N3P40D ✓	2505	A9N4P40D ✓	3145
50	A9N1P50D ✓	748	A9N2P50D ✓	1620	A9N3P50D ✓	2505	A9N4P50D ✓	3145
63	A9N1P63D ✓	756	A9N2P63D ✓	1635	A9N3P63D ✓	2530	A9N4P63D ✓	3175

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 18th, 2019

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 LP [₹]	2 Pole Reference	Unit LP [₹]	3 Pole Reference	Unit LP [₹]	4 Pole Reference	Unit LP [₹]
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 ✓	2520	A9N18361 ✓	5595	A9N18365 ✓	8810	A9N18372 ✓	11480
100	A9N18358 ✓	2830	A9N18362 ✓	5965	A9N18367 ✓	9390	A9N18374 ✓	11965
125	A9N18359 ✓	3055	A9N18363 ✓	6560	A9N18369 ✓	10415	A9N18376 ✓	13535
C120H (15kA)								
80	A9N18446	3025	A9N18457	6800	A9N18468	10355	A9N18479	13295
100	A9N18447	3335	A9N18458	6970	A9N18469	11280	A9N18480	14330
125	A9N18448	3645	A9N18459	7910	A9N18470	12170	A9N18481	15570

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 LP [₹]	Module Width 18mm/ module	2 Pole Reference	Unit LP [₹]
MOQ		12 Nos.			6 Nos.	
C60H-DC						
0.5	1	A9N61500	938	2	A9N61520	1980
1	1	A9N61501 ✓	830	2	A9N61521 ✓	1720
2	1	A9N61502 ✓	830	2	A9N61522 ✓	1720
3	1	A9N61503 ✓	830	2	A9N61523 ✓	1720
4	1	A9N61504 ✓	830	2	A9N61524 ✓	1720
5	1	A9N61505	830	2	A9N61525	1720
6	1	A9N61506 ✓	682	2	A9N61526 ✓	1455
10	1	A9N61508 ✓	682	2	A9N61528 ✓	1455
16	1	A9N61511 ✓	682	2	A9N61531 ✓	1455
20	1	A9N61512 ✓	682	2	A9N61532 ✓	1455
25	1	A9N61513 ✓	682	2	A9N61533 ✓	1455
32	1	A9N61515 ✓	682	2	A9N61535 ✓	1455
40	1	A9N61517 ✓	934	2	A9N61537 ✓	2065
50	1	A9N61518 ✓	934	2	A9N61538 ✓	2065
63	1	A9N61519 ✓	934	2	A9N61539 ✓	2065

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 Resistant – 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 18th, 2019

AC Residual Current Circuit Breakers - xID



- Complies to standards IEC/EN 61008-1 and IS 12640
- AC Class protection
- Selective range available for time based discrimination
- Easy Monitoring: Earth fault indication and Test Button on front face
- Operating temperature up to +70°C
- Mandatory to use OF-S auxiliary to add any indication or tripping auxiliary

[In] Rated Current (A)	Earth-Leakage Sensitivity (mA)	Module Width 18mm/module	2 Pole Reference	Unit LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	2	A9N16201	3385	4	A9N16251	4665
	100	2	A9N16203	3620	4	A9N16253	4865
	300	2	A9N16202	3730	4	A9N16252	5010
40	30	2	A9N16204	3985	4	A9N16254	4680
	100	2	A9N16205	4220	4	A9N16255	4895
	300	2	A9N16206	4340	4	A9N16256	5085
63	30	2	A9N16208	4710	4	A9N16258	5425
	100	2	A9N16209	4975	4	A9N16259	5785
	300	2	A9N16210	5075	4	A9N16260	5810
80	30	2	A9N16212	7925	4	A9N16261	9385
	100	2	A9N16213	7910	4	A9N16262	9360
	300	2	A9N16214	8055	4	A9N16263	9415

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 LP [₹]
4P	100	30	4	**A9R11491	11275
		100	4	**A9R12491	11670
	125	30	4	16905	34530
		100	4	16906	35220
		300	4	16907	35385

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

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



- 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 LP [₹]
1P+N	6	30	2	A9N19661	4905
		300	2	A9N19681	5075
	10	30	2	A9N19663	4905
		300	2	A9N19683	5075
	16	30	2	A9N19665	4905
		300	2	A9N19685	5075
	20	30	2	A9N19666	4905
		300	2	A9N19686	5075
	25	30	2	A9N19667	4905
		300	2	A9N19687	5075
	32	30	2	A9N19668	5145
		300	2	A9N19688	5330
	40	30	2	A9N19669	6325
		300	2	A9N19689	6490

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 18th, 2019

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 LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	2	A9N16234	7320	4	A9N16321	8160
40	30	2	A9N16237	7690	4	A9N16324	8420
63	30	2	A9N16240	7910	4	A9N16327	8640
	300	2	A9N16246	7970	4	A9N16334	8995

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



Suitable for
ComReady
Auxiliary

- 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 LP [₹]	Module Width 18mm/module	4 Pole Reference	Unit LP [₹]
25	30	1.5	A9N26581	4645	3	A9N26595	5580
	100	1.5	A9N26582	5805	3	A9N26596	6020
	300	1.5	A9N26583	5980	3	A9N26597	6195
63	30	2	A9N26611	6500	3.5	A9N26643	6835
	100	2	A9N26612	6760	3.5	A9N26644	6970
	300	2	A9N26613	6895	3.5	A9N26645	7105

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



Suitable for
ComReady
Auxiliary



- 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 LP [₹]
1P+N	6	30	2	A9N19631	9400
		300	2	A9N19641	9950
	10	30	2	A9N19632	9400
		300	2	A9N19642	9950
	16	30	2	A9N19634	9400
		300	2	A9N19644	9950
	20	30	2	A9N19635	9400
		300	2	A9N19645	9950
	25	30	2	A9N19636	9400
		300	2	A9N19646	9950
	32	30	2	A9N19637	9930
		300	2	A9N19647	12125
	40	30	2	A9N19638	11785
		300	2	A9N19648	13110

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

Surge Arresters - Type 1+ 2



- Complies to IEC 61643-1 and EN 61643-11
- Withdraw able type: Easy Replacement
- Inbuilt SPD health Indicator: Also available with remote signaling
- For protection against Direct lightning surge, Indirect lightning surge, Switching surge
- Iimp 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 LP [₹]
PRD1 25r	1P	2	16329	13005
	1P + N	4	16330	28610
	3P	6	16331	42905
	3P + N	8	16332	53305

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 LP [₹]
iPRD8	230	1P	1	A9L08100	3900
	230	1P+N	2	A9L08500	7295
	230/400	3P	3	A9L08300	9850
	230/400	3P+N	4	A9L08600	14870
iPRD8r	230	1P+N	2	A9L08501	8745
	230/400	3P+N	4	A9L08601	17845
iPRD20	230	1P	1	A9L20100	4375
	230	1P+N	2	A9L20500	9175
	230/400	3P	3	A9L20300	11745
	230/400	3P+N	4	A9L20600	16930
iPRD20r	230	1P+N	2	A9L20501	10910
	230/400	3P+N	4	A9L20601	20310
iPRD40	230	1P	1	A9L40100	5170
	230	1P+N	2	A9L40500	10565
	230/400	3P	3	A9L40300	15170
	230/400	3P+N	4	A9L40600	21160
iPRD40r	230	1P	1	A9L40101	6200
	230	1P+N	2	A9L40501	13625
	230/400	3P	3	A9L40301	20420
	230/400	3P+N	4	A9L40601	25390
iPRD65r	230	1P	1	A9L65101	8290
	230	1P+N	2	A9L65501	17365
	230/400	3P	3	A9L65301	22660
	230/400	3P+N	4	A9L65601	29405

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 (A9L 16...)**

Type	Spare Cartridges for	Reference	Unit LP [₹]
iPRD 65-350	iPRD65r	A9L65102	5190
iPRD 40-350	iPRD40, iPRD40r	A9L40102	3990
iPRD 20-350	iPRD20, iPRD20r	A9L20102	3195
iPRD 8-350	iPRD8, iPRD8r	A9L08102	2800
iPRD Neutral	All products (1P+N, 3P+N)	A9L00002	4200

**Spare Cartridges for Old SPD Range (A9L 16...) are available on demand - please contact nearest Schneider Electric Sales Office or Customer Care for Reference and prices

Note: 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 18th, 2019

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 LP [₹]
iQuick PRD 8r	1P+N	4	A9L16298	10900
	3P	6.5	A9L16299	16015
	3P+N	7.5	A9L16300	19930
iQuick PRD 20r	1P+N	4	A9L16295	13075
	3P	6.5	A9L16296	19225
	3P+N	7.5	A9L16297	23915
Quick PRD 40r	1P+N	4	A9L16292	15270
	3P	6.5	A9L16293	22880
	3P+N	7.5	A9L16294	28435

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 LP [₹]
iPRD 40r	800	3	A9L40271	8695
	1000	3	A9L40281	9935

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 LP [₹]
PRI	48 V DC	1	A9L16339	15510
PRC	130 V AC	1	A9L16337	9485

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 LP [₹]
2	40	2	6	A9S2P040	582
	63	2	6	A9S2P063	770
	80	2	6	A9S2P080	924
	100	2	6	A9S2P100	1340
	125	2	6	A9S2P125	1385
3	40	3	4	A9S3P040	1025
	63	3	4	A9S3P063	1200
4	40	4	3	A9S4P040	1295
	63	4	3	A9S4P063	1415
	80	4	3	A9S4P080	1875
	100	4	3	A9S4P100	2110
	125	4	3	A9S4P125	2280

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 LP [₹]
2	1	1 C/O	1	12	A9E18070	1205
	2	2 C/O	2	6	A9E18071	1660
		1NO + 1NC	1	12	A9E18072	964
3	1	1 C/O	1	12	A9E18073	1185
	2	2 C/O	2	6	A9E18074	2005

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 LP [₹]
230V AC	1	A9A15322	1025
8..12V AC	1	A9A15323	854

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

☒ NORMAL STOCK ITEMS

W.E.F. January 18th, 2019

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 LP [₹]
1P	25	1NO	1	A9C20731	1865
	16	2NO	1	A9C22712	1920
2P	25	2NO	1	A9C20732	2295
	40	2NO	2	A9C20842	3930
	63	2NO	2	A9C20862	5020
3P	25	3NO	2	A9C20833	2910
	40	3NO	2	A9C20843	6570
	63	3NO	3	A9C20863	7140
4P	25	4NO	2	A9C20834	3095
	40	4NO	2	A9C20844	6700
	63	4NO	3	A9C20864	8075
	63	2NO + 2NC	3	A9C20868	8075

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 LP [₹]
1P	16	230-240 VAC	1NO	1	A9C30811	1205
	32	230-240 VAC	1NO	1	A9C30831	1515
2P	16	230-240 VAC	2NO	1	A9C30812	1980
	32	230-240 VAC	2NO	1	A9C30831 + A9C32836	4700
3P	16	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30811 + A9C32816	3760
	32	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30831 + 2 x A9C32836	7885
4P	16	230-240 VAC	4NO	2	A9C30814	4110
	32	230-240 VAC	4NO	2	A9C30831 + 3 x A9C32836	11070

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 LP [₹]
Single Indicator light	Red	1	A9E18320	1130
	Green	1	A9E18321	1130
	Blue	1	A9E18323	1130
	Orange	1	A9E18324	1130
3 phase voltage presence light	Red/Red/Red	1	A9E18327	2830
Single Push Button (1 NO+ 1NC)	Grey	1	A9E18033	1680

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 18th, 2019

Note

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- All Prices are in Indian Rupees.
- Prices are subject to change without notice.
- Prices charged will be as prevailing on the date of dispatch.
- Maximum Retail Price (MRP) is inclusive of all taxes
- Tax incidence on invoices is basis applicable GST rates. Invoice amount not to exceed MRP.
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %

Distributor