

Life Is On

Schneider
Electric

 Price List

Industrial Automation Products

With effect from March 12, 2018

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ABL2 - With CE Marking only

Input Voltage	Output Voltage	Power Supply Output Current	Rated Power In W	Reference	Unit LP (₹)
180 - 264 VAC	24 V	1.5 A	35 W	ABL2REM24015H	1740
	24 V	2.2 A	50 W	ABL2REM24020H ☒	1930
	24 V	4.2 A	100 W	ABL2REM24045H ☒	3270
	24 V	6.5 A	150 W	ABL2REM24065H ☒	4050
	24 V	8.3 A	200 W	ABL2REM24085H	5080
	24 V	10.5 A	250 W	ABL2REM24100H ☒	6070
	24 V	14.6 A	350 W	ABL2REM24150H ☒	10050

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
100...120 V AC			4.2 A	100 W	ABL1REM24042
	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	6675
	12 V DC	2 A	25 W	ABL8MEM12020	5910
Optimum Range (without PFC, Automatic or Manual Reset)					
100...240 V AC	24 V	3 A	72 W	ABL8REM24030	7670
	24 V	5 A	120 W	ABL8REM24050 ☒	11500
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	10080
	24 V	5 A	120 W	ABL8RPS24050	13245
	24 V	10 A	240 W	ABL8RPS24100	16425
100...120 V single phase 200...240 V	24 V	20 A	480 W	ABL8RPM24200 ☒	21355
	24 V	20 A	480 W	ABL8WPS24200	23310
380...500 V three phase	24 V	40 A	960 W	ABL8WPS24400	38320

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	19700
Battery Back-up module 40A	ABL8BBU24400	26400
Battery pack 7 Ah	ABL8BPK24A07	14060
Buffer module 40A	ABL8BUF24400	18780
Protection module with two pole breaking	ABL8PRP24100	16420
Redundancy Module	ABL8RED24400	12480
Protection module with single pole breaking	ABL8PRE24100	11390

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

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

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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

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

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Soft Starters



ATS01 Soft Start - Soft Stop Unit

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

Note: Refer technical catalogue for correct selection as per duty cycle of your application or Contact Local sales /Customer Care Centre.



ATS48 Soft Start – Soft Stop unit

Rated Current	Motor Power kW	Reference	Unit LP [₹]
17 A for standard applications	7.5 kW 400 V for standard applications	ATS48D17Q	On Request
12 A for severe applications	5.5 kW 400 V for severe applications		
22 A for standard applications	11 kW 400 V for standard applications	ATS48D22Q	On Request
17 A for severe applications	7.5 kW 400 V for severe applications		
32 A for standard applications	15 kW 400 V for standard applications	ATS48D32Q ☒	On Request
22 A for severe applications	11 kW 400 V for severe applications		
38 A for standard applications	18.5 kW 400 V for standard applications	ATS48D38Q	On Request
32 A for severe applications	15 kW 400 V for severe applications		
47 A for standard applications	22 kW 400 V for standard applications	ATS48D47Q	On Request
38 A for severe applications	18.5 kW 400 V for severe applications		
62 A for standard applications	30 kW 400 V for standard applications	ATS48D62Q	On Request
47 A for severe applications	22 kW 400 V for severe applications		
75 A for standard applications	37 kW 400 V for standard applications	ATS48D75Q	On Request
62 A for severe applications	30 kW 400 V for severe applications		
88 A for standard applications	45 kW 400 V for standard applications	ATS48D88Q ☒	On Request
75 A for severe applications	37 kW 400 V for severe applications		
110 A for standard applications	55 kW 400 V for standard applications	ATS48C11Q ☒	On Request
88 A for severe applications	45 kW 400 V for severe applications		
140 A for standard applications	75 kW 400 V for standard applications	ATS48C14Q ☒	On Request
110 A for severe applications	55 kW 400 V for severe applications		
170 A for standard applications	90 kW 400 V for standard applications	ATS48C17Q ☒	On Request
140 A for severe applications	75 kW 400 V for severe applications		
210 A for standard applications	110 kW 400 V for standard applications	ATS48C21Q ☒	On Request
170 A for severe applications	90 kW 400 V for severe applications		
250 A for standard applications	132 kW 400 V for standard applications	ATS48C25Q ☒	On Request
210 A for severe applications	110 kW 400 V for severe applications		
320 A for standard applications	160 kW 400 V for standard applications	ATS48C32Q ☒	On Request
250 A for severe applications	132 kW 400 V for severe applications		
410 A for standard applications	220 kW 400 V for standard applications	ATS48C41Q ☒	On Request
320 A for severe applications	160 kW 400 V for severe applications		
480 A for standard applications	250 kW 400 V for standard applications	ATS48C48Q ☒	On Request
410 A for severe applications	220 kW 400 V for severe applications		
590 A for standard applications	315 kW 400 V for standard applications	ATS48C59Q	On Request
480 A for severe applications	250 kW 400 V for severe applications		
660 A for standard applications	355 kW 400 V for standard applications	ATS48C66Q	On Request
590 A for standard applications	315 kW 400 V for severe applications		
790 A for standard applications	400 kW 400 V for standard applications	ATS48C79Q ☒	On Request
660 A for standard applications	355 kW 400 V for severe applications		
1000 A for standard applications	500 kW 400 V for standard applications	ATS48M10Q	On Request
790 A for severe applications	400 kW 400 V for severe applications		
1200 A for standard applications	630 kW 400 V for standard applications	ATS48M12Q	On Request
1000 A for severe applications	500 kW 400 V for severe applications		

Note: Refer technical catalogue for correct selection as per duty cycle of your application or Contact Local sales /Customer Care Centre.

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

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Soft Starters

ATS22 Soft Start - Soft Stop Unit

Rated Current		Motor Power kW		Reference	Unit LP [₹]
17 A for Motor Power Supply Line for Motor Delta Connection	17 A	7.5 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	11 kW 400	ATS22D17Q	On Request
32 A for Motor Power Supply Line for Motor Delta Connection	32 A	15 kW 400 V for Motor Power Supply Line for Motor Delta Connection	22 kW 400 V	ATS22D32Q	On Request
47 A for Motor Power Supply Line for Motor Delta Connection	47 A	22 kW 400 V for Motor Power Supply Line for Motor Delta Connection	45 kW 400 V	ATS22D47Q	On Request
62 A for Motor Power Supply Line for Motor Delta Connection	62 A	30 kW 400 V for Motor Power Supply Line for Motor Delta Connection	55 kW 400 V	ATS22D62Q	On Request
75 A for Motor Power Supply Line for Motor Delta Connection	75 A	37 kW 400 V for Motor Power Supply Line for Motor Delta Connection	55 kW 400 V	ATS22D75Q	On Request
88 A for Motor Power Supply Line for Motor Delta Connection	88 A	45 kW 400 V for Motor Power Supply Line for Motor Delta Connection	75 kW 400 V	ATS22D88Q	On Request
110 A for Motor Power Supply Line for Motor Delta Connection	110 A	55 kW 400 V for Motor Power Supply Line for Motor Delta Connection	90 kW 400 V	ATS22C11Q	On Request
140 A for Motor Power Supply Line for Motor Delta Connection	140 A	75 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	110 kW 400	ATS22C14Q	On Request
170 A for Motor Power Supply Line for Motor Delta Connection	170 A	90 kW 400 V for Motor Power Supply Line V for Motor Delta Connection	132 kW 400	ATS22C17Q	On Request
210 A for Motor Power Supply Line for Motor Delta Connection	210 A	110 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	160 kW	ATS22C21Q	On Request
250 A for Motor Power Supply Line for Motor Delta Connection	250 A	132 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	220 kW	ATS22C25Q	On Request
320 A for Motor Power Supply Line for Motor Delta Connection	320 A	160 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	250 kW	ATS22C32Q	On Request
410 A for Motor Power Supply Line for Motor Delta Connection	410 A	220 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	315 kW	ATS22C41Q	On Request
480 A for Motor Power Supply Line for Motor Delta Connection	480 A	250 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	355 kW	ATS22C48Q	On Request
590 A for Motor Power Supply Line for Motor Delta Connection	590 A	315 kW 400 V for Motor Power Supply Line 400 V for Motor Delta Connection	400 kW	ATS22C59Q	On Request

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

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W.E.F. March 12, 2018

Variable Speed Drives



ATV12 Drive: Single Phase 230 Volts Input & 3 Phase 230 Volts Output Drive

KW Rating	HP Rating	Rated output Current @40°C	Reference	Unit LP [₹]
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



ATV310 Drive: Three Phase 440 Volts Input & 3 Phase 440 Volts Output Drive

KW Rating	HP Rating	Rated output Current @55°C	Reference	Unit LP [₹]
0.37	0.55	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

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

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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.

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- 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	505
1CO 10A Relay +LTB-LED 48VAC	RXG11E7	515
1CO 10A Relay +LTB-LED 120VAC	RXG11F7	515
1CO 10A Relay +LTB-LED 220VAC	RXG11M7	515
1CO 10A Relay +LTB-LED 230VAC	RXG11P7	505
1CO 10A Relay +LTB-LED 6VDC	RXG11RD	415
1CO 10A Relay +LTB-LED 12VDC	RXG11JD	415
1CO 10A Relay +LTB-LED 24VDC	RXG11BD	406
1CO 10A Relay +LTB-LED 48VDC	RXG11ED	415
1CO 10A Relay +LTB-LED 60VDC	RXG11ND	415
1CO 10A Relay +LTB-LED 110VDC	RXG11FD	415
1CO 10A Relay +LTB+LED 24VAC	RXG12B7	559
1CO 10A Relay +LTB+LED 48VAC	RXG12E7	559
1CO 10A Relay +LTB+LED 120VAC	RXG12F7	559
1CO 10A Relay +LTB+LED 220VAC	RXG12M7	559
1CO 10A Relay +LTB+LED 230VAC	RXG12P7	559
1CO 10A Relay +LTB+LED 6VDC	RXG12RD	457
1CO 10A Relay +LTB+LED 12VDC	RXG12JD	457
1CO 10A Relay +LTB+LED 24VDC	RXG12BD	457
1CO 10A Relay +LTB+LED 48VDC	RXG12ED	457
1CO 10A Relay +LTB+LED 60VDC	RXG12ND	457
1CO 10A Relay +LTB+LED 110VDC	RXG12FD	457
1CO 10A Relay-LTB+LED 24VAC	RXG13B7	537
1CO 10A Relay-LTB+LED 48VAC	RXG13E7	537
1CO 10A Relay-LTB+LED 120VAC	RXG13F7	537
1CO 10A Relay-LTB+LED 220VAC	RXG13M7	537
1CO 10A Relay-LTB+LED 230VAC	RXG13P7	537
1CO 10A Relay-LTB+LED 6VDC	RXG13RD	434
1CO 10A Relay-LTB+LED 12VDC	RXG13JD	434
1CO 10A Relay-LTB+LED 24VDC	RXG13BD	434
1CO 10A Relay-LTB+LED 48VDC	RXG13ED	434
1CO 10A Relay-LTB+LED 60VDC	RXG13ND	434
1CO 10A Relay-LTB+LED 110VDC	RXG13FD	434
1CO 10A Relay Clear 24VAC	RXG15B7	466
1CO 10A Relay Clear 48VAC	RXG15E7	466
1CO 10A Relay Clear 120VAC	RXG15F7	466
1CO 10A Relay Clear 220VAC	RXG15M7	466
1CO 10A Relay Clear 230VAC	RXG15P7	466
1CO 10A Relay Clear 6VDC	RXG15RD	363
1CO 10A Relay Clear 12VDC	RXG15JD	363
1CO 10A Relay Clear 24VDC	RXG15BD	363
1CO 10A Relay Clear 48VDC	RXG15ED	363
1CO 10A Relay Clear 60VDC	RXG15ND	363
1CO 10A Relay Clear 110VDC	RXG15FD	363
2CO 5A Relay +LTB-LED 24VAC	RXG21B7	554
2CO 5A Relay +LTB-LED 48VAC	RXG21E7	565
2CO 5A Relay +LTB-LED 120VAC	RXG21F7	565
2CO 5A Relay +LTB-LED 220VAC	RXG21M7	565

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

☒ **NORMAL STOCK ITEMS**

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- 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	554
2CO 5A Relay +LTB-LED 6VDC	RXG21RD	465
2CO 5A Relay +LTB-LED 12VDC	RXG21JD	465
2CO 5A Relay +LTB-LED 24VDC	RXG21BD	456
2CO 5A Relay +LTB-LED 48VDC	RXG21ED	465
2CO 5A Relay +LTB-LED 60VDC	RXG21ND	465
2CO 5A Relay +LTB-LED 110VDC	RXG21FD	465
2CO 5A Relay +LTB+LED 24VAC	RXG22B7	610
2CO 5A Relay +LTB+LED 48VAC	RXG22E7	610
2CO 5A Relay +LTB+LED 120VAC	RXG22F7	610
2CO 5A Relay +LTB+LED 220VAC	RXG22M7	610
2CO 5A Relay +LTB+LED 230VAC	RXG22P7	610
2CO 5A Relay +LTB+LED 6VDC	RXG22RD	508
2CO 5A Relay +LTB+LED 12VDC	RXG22JD	508
2CO 5A Relay +LTB+LED 24VDC	RXG22BD	508
2CO 5A Relay +LTB+LED 48VDC	RXG22ED	508
2CO 5A Relay +LTB+LED 60VDC	RXG22ND	508
2CO 5A Relay +LTB+LED 110VDC	RXG22FD	508
2CO 5A Relay-LTB+LED 24VAC	RXG23B7	587
2CO 5A Relay-LTB+LED 48VAC	RXG23E7	587
2CO 5A Relay-LTB+LED 120VAC	RXG23F7	587
2CO 5A Relay-LTB+LED 220VAC	RXG23M7	587
2CO 5A Relay-LTB+LED 230VAC	RXG23P7	587
2CO 5A Relay-LTB+LED 6VDC	RXG23RD	485
2CO 5A Relay-LTB+LED 12VDC	RXG23JD	485
2CO 5A Relay-LTB+LED 24VDC	RXG23BD	485
2CO 5A Relay-LTB+LED 48VDC	RXG23ED	485
2CO 5A Relay-LTB+LED 60VDC	RXG23ND	485
2CO 5A Relay-LTB+LED 110VDC	RXG23FD	485
2CO 5A Relay Clear 24VAC	RXG25B7	515
2CO 5A Relay Clear 48VAC	RXG25E7	515
2CO 5A Relay Clear 120VAC	RXG25F7	515
2CO 5A Relay Clear 220VAC	RXG25M7	515
2CO 5A Relay Clear 230VAC	RXG25P7	515
2CO 5A Relay Clear 6VDC	RXG25RD	412
2CO 5A Relay Clear 12VDC	RXG25JD	412
2CO 5A Relay Clear 24VDC	RXG25BD	412
2CO 5A Relay Clear 48VDC	RXG25ED	412
2CO 5A Relay Clear 60VDC	RXG25ND	412
2CO 5A Relay Clear 110VDC	RXG25FD	412
Accessories		
1CO Separate terminal socket with clamp	RGZE1S35M	244
2CO Separate terminal socket with clamp	RGZE1S48M	271
Plastic maintaining clamp for RGZ socket	RGZR215	25

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

☒ **NORMAL STOCK ITEMS**

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RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP (₹)
Without Lockable Test Button without LED		
2 C/O - 5 AMPS		
12 V DC	RXM2LB1JD	343
24 V DC	RXM2LB1BD	320
48 V DC	RXM2LB1ED	362
24 V AC	RXM2LB1B7	333
120 V AC	RXM2LB1F7	333
230 V AC	RXM2LB1P7	326
4 C/O - 3 AMPS		
12 V DC	RXM4LB1JD	404
24 V DC	RXM4LB1BD	369
48 V DC	RXM4LB1ED	416
24 V AC	RXM4LB1B7	404
120 V AC	RXM4LB1F7	416
230 V AC	RXM4LB1P7	369
Without Lockable Test Button with LED		
2 C/O - 5 AMPS		
12 V DC	RXM2LB2JD	369
24 V DC	RXM2LB2BD ☒	343
48 V DC	RXM2LB2ED	369
24 V AC	RXM2LB2B7	369
120 V AC	RXM2LB2F7	369
230 V AC	RXM2LB2P7 ☒	343
36 V DC	RXM2LB2CD	381
110 V DC	RXM2LB2FD	369
4 C/O - 3 AMPS		
12 V DC	RXM4LB2JD	416
24 V DC	RXM4LB2BD ☒	388
48 V DC	RXM4LB2ED	416
24 V AC	RXM4LB2B7	416
120 V AC	RXM4LB2F7	416
230 V AC	RXM4LB2P7 ☒	388
36 V DC	RXM4LB2CD	428
110 V DC	RXM4LB2FD	416

Accessories

Description	Reference	Unit LP (₹)
Sockets		
Sockets - mixed-screw clamp - relay type RXM2 (without lockable test button)	RXZE1M2C ☒	157
Sockets - mixed-screw clamp - relay type RXM2/RXM4 (without lockable test button)	RXZE1M4C ☒	200

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

☒ NORMAL STOCK ITEMS

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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	398
24 V DC	RXM2NB3BD	360
110 V DC	RXM2NB3FD	360
220 V DC	RXM2NB3MD	473
24 V AC	RXM2NB3B7	398
120 V AC	RXM2NB3F7	398
230 V AC	RXM2NB3P7	360
4 Change Over - 5 AMPS Contact Rating		
12 V DC	RXM4NB3JD	446
24 V DC	RXM4NB3BD	417
110 V DC	RXM4NB3FD	446
220 V DC	RXM4NB3MD	521
24 V AC	RXM4NB3B7	446
120 V AC	RXM4NB3F7	446
230 V AC	RXM4NB3P7	417

RXZ Miniature Relay Socket

Description	Reference	Unit LP [₹]
Accessories		
Sockets		
socket for miniature relay - for RXM2N - with mixed contacts - screw clamp	RXZE2M2N	166
socket for miniature relay - for RXM4N - with mixed contacts - screw clamp	RXZE2M4N	189

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
Without LED		
2 Change Over - 12 AMPS Contact Rating		
12 V DC	RXM2AB1JD	469
24 V AC	RXM2AB1B7	469
24 V DC	RXM2AB1BD	452
48 V AC	RXM2AB1E7	469
48 V DC	RXM2AB1ED	469
110 V DC	RXM2AB1FD	483
120 V AC	RXM2AB1F7	469
230 V AC	RXM2AB1P7	452
3 Change Over - 10 AMPS Contact Rating		
12 V DC	RXM3AB1JD	640
24 V AC	RXM3AB1B7	712
24 V DC	RXM3AB1BD	639
48 V AC	RXM3AB1E7	803
48 V DC	RXM3AB1ED	812
110 V DC	RXM3AB1FD	812
120 V AC	RXM3AB1F7	658
230 V AC	RXM3AB1P7	658
4 Change Over - 6 AMPS Contact Rating		
12 V DC	RXM4AB1JD	574
24 V AC	RXM4AB1B7	574
24 V DC	RXM4AB1BD	574
48 V AC	RXM4AB1E7	590
48 V DC	RXM4AB1ED	638
110 V DC	RXM4AB1FD	638
120 V AC	RXM4AB1F7	574
220 V DC	RXM4AB1MD	638
230 V AC	RXM4AB1P7	574
240 V AC	RXM4AB1U7	574
With LED		
2 Change Over - 12 AMPS Contact Rating		
12 V DC	RXM2AB2JD	490
24 V AC	RXM2AB2B7	487
24 V DC	RXM2AB2BD	469
48 V AC	RXM2AB2E7	490
48 V DC	RXM2AB2ED	490
110 V DC	RXM2AB2FD	490
120 V AC	RXM2AB2F7	490
230 V AC	RXM2AB2P7	469
3 Change Over - 10 AMPS Contact Rating		
12 V DC	RXM3AB2JD	630
24 V AC	RXM3AB2B7	654
24 V DC	RXM3AB2BD	612
48 V AC	RXM3AB2E7	770
48 V DC	RXM3AB2ED	753
110 V DC	RXM3AB2FD	640
120 V AC	RXM3AB2F7	628
230 V AC	RXM3AB2P7	628
4 Change Over - 6 AMPS Contact Rating		
12 V DC	RXM4AB2JD	668
24 V AC	RXM4AB2B7	668
24 V DC	RXM4AB2BD	635
48 V AC	RXM4AB2E7	668
48 V DC	RXM4AB2ED	668
110 V DC	RXM4AB2FD	668
120 V AC	RXM4AB2F7	668
125 V DC	RXM4AB2GD	668
230 V AC	RXM4AB2P7	635

RXM Miniature Relays

Control Circuit Voltage	Reference	Unit LP [₹]
With Low Level Contact		
4 Change Over - 3 AMPS Contact Rating		
12 V DC	RXM4GB1JD	676
	RXM4GB2JD	718
24 V AC	RXM4GB1B7	676
	RXM4GB2B7	718
24 V DC	RXM4GB1BD	676
	RXM4GB2BD	698
48 V AC	RXM4GB1E7	676
	RXM4GB2E7	718
48 V DC	RXM4GB1ED	676
	RXM4GB2ED	718
110 V DC	RXM4GB1FD	676
	RXM4GB2FD	718
120 V AC	RXM4GB1F7	676
	RXM4GB2F7	718
230 V AC	RXM4GB2P7	718
	RXM4GB1P7	656
240 V AC	RXM4GB2U7	698

RXZ Miniature Relays

Description	Reference	Unit LP [₹]
Accessories		
Sockets		
Socket for miniature relay - Zelio RXZ - with mixed contacts - connectors	RXE2M114M	218
Socket for miniature relay - Zelio RXZ - with mixed contacts - screw clamp	RXE2M114	242
Socket for miniature relay - Zelio RXZ - with separate contacts - connectors	RXE2S111M	278
	RXE2S114M	298
Protection Modules		
Diode		
Protection module - diode - 6..250V DC - for miniature relay socket RXZ	RXM040W	111
RC Circuit		
Protection module - RC circuit - 110..240 AC - for miniature relay socket RXZ	RXM041FU7	122
Protection module - RC circuit - 24..60 AC - for miniature relay socket RXZ	RXM041BN7	122
Varistor		
Protection module -Varistor - 24..60V AC/DC - for miniature relay socket RXZ	RXM021BN	144
Protection module -Varistor - 6..24V AC/DC - for miniature relay socket RXZ	RXM021RB	144
Protection module -Varistor -110..240 AC/DC - for miniature relay socket RXZ	RXM021FP	136
Clips and Legends		
Clip-in legends-for Sockets having separate contact	RXZL420	17
Clip-in legends - for Zelio relay - set of 10	RXZL520	212
Metal maintaining clamp - for miniature relay socket RXZ	RXZ400	40
Mounting adaptor for DIN rail - for miniature relay socket RXZ	RXE2DA	58
Mounting adaptor with fixing lugs for panel - for miniature relay socket RXZ	RXE2FA	58
Plastic maintaining clamp - for miniature relay socket RXZ	RXZR335	38

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

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
Without LED		
1 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM11JD	833
24 V AC	RPM11B7	833
24 V DC	RPM11BD	827
48 V AC	RPM11E7	833
48 V DC	RPM11ED	833
110 V DC	RPM11FD	833
120 V AC	RPM11F7	1010
230 V AC	RPM11P7	920
2 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM21JD	861
24 V AC	RPM21B7	861
24 V DC	RPM21BD	837
48 V AC	RPM21E7	861
48 V DC	RPM21ED	861
110 V DC	RPM21FD	861
120 V AC	RPM21F7	1010
230 V AC	RPM21P7	861
3 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM31JD	890
24 V AC	RPM31B7	932
24 V DC	RPM31BD	890
48 V AC	RPM31E7	890
48 V DC	RPM31ED	890
110 V DC	RPM31FD	890
120 V AC	RPM31F7	1051
230 V AC	RPM31P7	958
4 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM41JD	932
24 V AC	RPM41B7	932
24 V DC	RPM41BD	930
48 V AC	RPM41E7	932
48 V DC	RPM41ED	880
110 V DC	RPM41FD	932
120 V AC	RPM41F7	1068
230 V AC	RPM41P7	932
With LED		
1 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM12JD	878
24 V AC	RPM12B7	878
24 V DC	RPM12BD	590
48 V AC	RPM12E7	878
48 V DC	RPM12ED	878
110 V DC	RPM12FD	878
120 V AC	RPM12F7	1051
230 V AC	RPM12P7	958
2 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM22JD	890
24 V AC	RPM22B7	890
24 V DC	RPM22BD	781
48 V AC	RPM22E7	890
48 V DC	RPM22ED	890
110 V DC	RPM22FD	890
120 V AC	RPM22F7	1051
230 V AC	RPM22P7	873

RPM Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
3 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM32JD	905
24 V AC	RPM32B7	905
24 V DC	RPM32BD	995
48 V AC	RPM32E7	905
48 V DC	RPM32ED	905
110 V DC	RPM32FD	905
120 V AC	RPM32F7	1068
230 V AC	RPM32P7	995
4 Change Over - 15 AMPS Contact Rating		
12 V DC	RPM42JD	965
24 V AC	RPM42B7	946
24 V DC	RPM42BD	939
48 V AC	RPM42E7	936
48 V DC	RPM42ED	965
110 V DC	RPM42FD	937
120 V AC	RPM42F7	1043
230 V AC	RPM42P7	939

RPZ Power Relays

Description	Reference	Unit LP [₹]
Accessories		
Mixed Contact Socket		
	RPZF2	381
Socket for power relay - Zelio RPZ - with mixed contacts - screw clamp	RPZF1	379
	RPZF4	650
	RPZF3	673
Clips And Legends		
Metal maintaining clamp - for relay socket RPZF1	RPZR235	102
Mounting adaptor for DIN rail - for power relay socket RPZ	RPZ1DA	102
	RPZ3DA	102
	RPZ4DA	139
Mounting adaptor with fixing lugs for panel - for power relay socket RPZ	RPZ1FA	102
	RPZ3FA	102
	RPZ4FA	139

RPF Power Relays

Control Circuit Voltage	Reference	Unit LP [₹]
N/O - 30 AMPS Contact Rating		
24 V DC	RPF2ABD	1521
120 V AC	RPF2AF7	1565
230 V AC	RPF2AP7	1490
Change Over - 30 AMPS Contact Rating		
12 V DC	RPF2BJD	1276
24 V AC	RPF2BB7	1313
24 V DC	RPF2BBD	1507
110 V DC	RPF2BFD	1313
120 V AC	RPF2BF7	1683
230 V AC	RPF2BP7	1551

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	1922
Off Delay Timer 24 240VAC	RE17LCBM	2291
Timer Function H Solid State Output 24 240VAC	RE17LHBM	2931
Flashing Timer	RE17LLBM	2408
Multi Function Timer	RE17LMBM	2316
Timer Function A at 1C O 24VAC DC 240VAC	RE17RAMU	1837
Timer Function B 1C O 24VAC DC 240VAC	RE17RBMU	2732
Timer Function C 1C O 24VAC DC 240VAC	RE17RCMU	1922
Timer Function H Ht 1C O 24VAC DC 240VAC	RE17RHMU	1978
Flashing Timer	RE17RLJU	2570
Timer Function L Li 1C O 24VAC DC 240VAC	RE17RLMU	2570
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMEMU	2289
10 X MultiFunction Timer 1C O 12VAC DC	RE17RMJU	2432
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMMU	2363
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMW	2632
MultiFunction Timer 1C O 12 240VAC DC	RE17RMMWS	2835
MultiFunction Timer 1C O 24VAC DC 240VAC	RE17RMXMU	2973

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Biometric Switch

Description	Reference	Unit LP [₹]
Bistable biometric switch, 24 V DC - PNP - by 2m cable	XB5S1B2L2	28717
Bistable biometric switch, 24 V DC - PNP - by M12 connector	XB5S1B2M12	30297
Monostable biometric switch, 24 V DC - PNP - by 2m cable	XB5S2B2L2	29092
Monostable biometric switch, 24 V DC - PNP - by M12 connector	XB5S2B2M12	30204

Accessories

Description	Reference	Unit LP [₹]
Protective cover, translucent & self adhesive	ZB5SZ70	715
Diameter 22 mm nut	ZB5SZ71	292
Legend plate 28X7 mm	ZBY0101T	135

Pushbuttons

Description	Type of Contact	Colour	Reference	Unit LP [₹]
Spring return				
Flush	NO	White	XB5AA11N	133
	NO	Black	XB5AA21N	133
	NO	Green	XB5AA31N	133
	NO	Yellow	XB5AA51N	133
	NO	Blue	XB5AA61N	133
	NC	Red	XB5AA42N	133
	NO	Red	XB5AA41N	133
	NO	Blank	XB5AA01N*	133
Projecting	NO	White	XB5AL11N	167
	NO	Black	XB5AL21N	162
	NO	Green	XB5AL31N	162
	NO	Yellow	XB5AL51N	162
	NO	Blue	XB5AL61N	162
	NC	Red	XB5AL42N	162
	NO	Red	XB5AL41N	162
Flush with silicon transparent boot	NO	Black	XB5AP21N	190
	NO	Green	XB5AP31N	190
	NO	Yellow	XB5AP51N	190
	NO	Blue	XB5AP61N	195
	NC	Red	XB5AP42N	190
Flush, marked (double molding /injection marking)	NO	Green	XB5AA3311N	189
	NC	Red	XB5AA4322N	189
	NO	Green	XB5AA3331N	189
	NC	Red	XB5AA4342N	189
	NO	Green	XB5AA3411N	194
Projecting, marked (double molding /injection marking)	NC	Red	XB5AL4342N	197
	NC	Red	XB5AL4352N	197
Flush, marked "I/O"	NO+NC	Green	XB5AL845N	936

Pilot lights

Description	Supply Voltage	Colour	Reference	Unit LP [₹]
With smooth lens (except clear colour)				
Direct Integral LED	~ 24V	White	XB7EV01BPN	213
		Green	XB7EV03BPN	197
		Red	XB7EV04BPN	197
		Yellow	XB7EV05BPN	197
		Amber	XB7EV08BPN	197
		Blue	XB7EV06BPN	407
		Clear	XB7EV07BPN*	197
		White	XB7EV01GPN	213
		Green	XB7EV03GPN	197
		Red	XB7EV04GPN	197
Direct Integral LED	~ 120V	Yellow	XB7EV05GPN	197
		Amber	XB7EV08GPN	197
		Blue	XB7EV06GPN	407
		Clear	XB7EV07GPN*	197
	~ 230V	White	XB7EV01MPN	213
		Green	XB7EV03MPN	197
		Red	XB7EV04MPN	197
		Yellow	XB7EV05MPN	197
		Amber	XB7EV08MPN	197
		Blue	XB7EV06MPN	407
		Clear	XB7EV07MPN*	197

* 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 ☒	388
	NO	Green	XB5AW33B1N ☒	388
	NC	Red	XB5AW34B2N ☒	388
	NO	Yellow	XB5AW35B1N ☒	388
	NO	Amber	XB5AW38B1N ☒	433
	NO	Blue	XB5AW36B1N ☒	751
	NO	Clear	XB5AW37B1N*	751
Projecting Integral LED $\approx$ 24V	NO	White	XB5AW11B1N	381
	NO	Green	XB5AW13B1N ☒	388
	NC	Red	XB5AW14B2N ☒	388
	NO	Yellow	XB5AW15B1N	388
	NO	Amber	XB5AW18B1N	381
	NO	Blue	XB5AW16B1N	737
	NO	Clear	XB5AW17B1N*	392
Push Integral LED $\approx$ 24V	NO	White	XB5AH31B1N	512
	NO	Green	XB5AH33B1N	512
	NC	Red	XB5AH34B2N	512
	NO	Yellow	XB5AH35B1N	512
	NO	Amber	XB5AH38B1N	527
	NO	Blue	XB5AH36B1N	761
	NO	Clear	XB5AH37B1N*	527
Flush Integral LED $\sim$ 110V	NO	White	XB5AW31G1N	474
	NO	Green	XB5AW33G1N ☒	474
	NC	Red	XB5AW34G2N ☒	474
	NO	Yellow	XB5AW35G1N	751
	NO	Amber	XB5AW38G1N	452
	NO	Blue	XB5AW36G1N	751
	NO	Clear	XB5AW37G1N*	859
Flush Integral LED $\sim$ 230V	NO	White	XB5AW31M1N ☒	443
	NO	Green	XB5AW33M1N ☒	388
	NC	Red	XB5AW34M2N ☒	388
	NO	Yellow	XB5AW35M1N ☒	388
	NO	Amber	XB5AW38M1N ☒	433
	NO	Blue	XB5AW36M1N ☒	751
	NO	Clear	XB5AW37M1N*	834
Projecting Integral LED $\sim$ 230V	NO	White	XB5AW11M1N	503
	NO	Green	XB5AW13M1N	388
	NC	Red	XB5AW14M2N	388
	NO	Yellow	XB5AW15M1N	388
	NO	Amber	XB5AW18M1N	381
	NO	Blue	XB5AW16M1N	737
	NO	Clear	XB5AW17M1N*	392
Push Integral LED $\sim$ 230V	NO	White	XB5AH11M1N	585
	NO	Green	XB5AH13M1N ☒	512
	NC	Red	XB5AH14M2N ☒	512
	NO	Yellow	XB5AH15M1N	512
	NO	Amber	XB5AH18M1N	527
	NO	Blue	XB5AH16M1N	784
	NO	Clear	XB5AH17M1N*	527

* 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 ITEMS

W.E.F. March 12, 2018

Non-Illuminated Pushbutton

Description	Dia of Head	Type of Contact	Colour	Reference	Unit LP [₹]
Mushroom Head					
Spring return	40	NO	Black	XB5AC21N ☒	258
		NO	Green	XB5AC31N ☒	258
		NC	Red	XB5AC42N ☒	258
		NO	Red	XB5AC41N ☒	258
		NO	Yellow	XB5AC51N	258
	60	NO	Blue	XB5AC61N	258
		NO	Black	XB5AR21N	335
		NO	Green	XB5AR31N ☒	335
		NC	Red	XB5AR42N	335
		NO	Red	XB5AR41N	335
Turn to release	30	NO	Yellow	XB5AR51N	335
		NO	Blue	XB5AR61N	345
	40	NC	Black	XB5AS422N	252
		NC	Red	XB5AS442N ☒	252
Key release (n°155)	40	NC	Black	XB5AS522N ☒	256
		NC	Red	XB5AS542N ☒	252
Trigger action turn to release	40	NC	Red	XB5AS9445N ☒	587
Trigger action key to release	40	NC	Black	XB5AS122N ☒	455
Trigger action turn to release	40	NC+NO	Red	XB5AS142N	460
Trigger action key to release	40	NO+NC	Red	XB5AS9445N	587
Trigger action key to release	40	NC	Red	XB5AS9442N	591

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 ☒	928	
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 ☒	800
	~ 230V-240V	NC	Red	XB5AW74M2N ☒	850

Illuminated - Selector switch

Description	Type of Contact	Colour	Reference	Unit LP [₹]
2 stay put ~ 24V	NO	White	XB5AK121B1N ☒	646
	NO	Green	XB5AK123B1N ☒	559
	NC	Red	XB5AK124B2N ☒	559
	NO	Yellow	XB5AK125B1N ☒	559
	NO	Blue	XB5AK126B1N	907
2 spring return from right to left ~ 24V	NO	White	XB5AK141B1N	982
	NO	Green	XB5AK143B1N	982
	NC	Red	XB5AK144B2N	1011
	NO	Yellow	XB5AK145B1N	982
	NO	Blue	XB5AK146B1N	1228
3 stay put ~ 24V	2NO	White	XB5AK131B3N	850
	2NO	Green	XB5AK133B3N ☒	587
	1NO+1NC	Red	XB5AK134B5N ☒	587
	2NO	Yellow	XB5AK135B3N	587
	2NO	Blue	XB5AK136B3N	1134
3 spring return to centre ~ 24V	2NO	White	XB5AK151B3N	637
	2NO	Green	XB5AK153B3N ☒	588
	1NO+1NC	Red	XB5AK154B5N	857
	2NO	Yellow	XB5AK155B3N	857
	2NO	Blue	XB5AK156B3N	1296
2 stay put ~ 230V	NO	White	XB5AK121M1N ☒	646
	NO	Green	XB5AK123M1N ☒	559
	NC	Red	XB5AK124M2N ☒	559
	NO	Yellow	XB5AK125M1N ☒	559
	NO	Blue	XB5AK126M1N	907
2 spring return right to left ~ 230V	NO	White	XB5AK141M1N	1011
	NO	Green	XB5AK143M1N	982
	NC	Red	XB5AK144M2N	1011
	NO	Yellow	XB5AK145M1N	1011
	NO	Blue	XB5AK146M1N	1228
3 stay put ~ 230V	2NO	White	XB5AK131M3N	876
	2NO	Green	XB5AK133M3N ☒	587
	1NO+1NC	Red	XB5AK134M5N ☒	587
	2NO	Yellow	XB5AK135M3N	587
	2NO	Blue	XB5AK136M3N	1134
3 spring return to center ~ 230V	2NO	White	XB5AK151M3N	637
	2NO	Green	XB5AK153M3N ☒	588
	1NO+1NC	Red	XB5AK154M5N	857
	2NO	Yellow	XB5AK155M3N ☒	857
	2NO	Blue	XB5AK156M3N ☒	1296

Non Illuminated Selector switches & Key switches

Description	Type of Contact	Reference	Unit LP [₹]
Standard handle black	2 stay put	1NO XB5AD21N ☒	326
	2 spring return, right to left	1NO XB5AD41N ☒	520
	3 stay put	2NO XB5AD33N ☒	356
	3 spring return to center	2NO XB5AD53N ☒	379
	3 spring return, left to center	2NO XB5AD73N ☒	379
	3 spring return, right to center	2NO XB5AD83N ☒	407
Long handle black	2 stay put	1NO XB5AJ21N ☒	330
	3 stay put	2NO XB5AJ33N ☒	366
	3 Spring return to center	2NO XB5AJ53N ☒	382
Key switch	2 stay put*	1NO XB5AG21N ☒	500
	2 stay put*	1NO XB5AG021N	571
	2 stay put*	1NO XB5AG41N	500
	2 spring return, right to left	1NO XB5AG61N	888
	3 stay put*	2NO XB5AG53N ☒	532
	3 stay put*	2NO XB5AG03N ☒	424
	3 stay put*	2NO XB5AG33N ☒	561
	3 spring return to center	2NO XB5AG73N ☒	820
	3 spring return, left to center	2NO XB5AG13N	578
	3 spring return, right to center	2NO XB5AG083N	722

* 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 ☒	91
	White/Yellow bkgd.	Blank	ZBY4101N	91
With 8 x 27 mm English language marked legend	Black or Red bkgd.	Inch	ZBY2321N	94
		OFF	ZBY2312N	94
		ON	ZBY2326N	94
		Reset	ZBY2323N	94
		Reverse	ZBY2306N	94
		Start	ZBY2303N	91
Legends for emergency stop	Emergency stop	ON	ZBY9330N ☒	91
Mushroom head pushbuttons	Yellow bkgd.		ZBY8330N	91

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	32
	Black	ZBA2N	32
	Red	ZBA4N	31
	Yellow	ZBA5N	32
	Blue	ZBA6N	32
	Set of 6 colours*	ZBA9N	59
Projecting	White	ZBL1N	60
	Black	ZBL2N	60
	Green	ZBL3N	60
	Red	ZBL4N	60
	Yellow	ZBL5N	60
	Blue	ZBL6N	60
	Set of 6 colors*	ZBL9N	60

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	94
	I	White	Green	ZBA331N	94
	START	White	Green	ZBA333N	91
	ON	White	Green	ZBA341N**	132
	STOP	White	Red	ZBA434N	91
	UP	Black	White	ZBA343N	132
	DOWN	White	Black	ZBA344N	136
	OFF	White	Red	ZBA434N	91

* 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 ☒	91
Anti rotation plate,	Prevents head from rotation	ZB5AZ902N ☒	26
Fixing collar	To fix contacts or lights	ZB5AZ009N ☒	91
Fixing nut		ZB5AZ901N	26

Contact blocks with screw clamp terminal connections

Description	Type of Contact	Reference	Unit LP [₹]
Standard single	1NO	ZBE101N ☒	78
Contact blocks	1NC	ZBE102N ☒	78

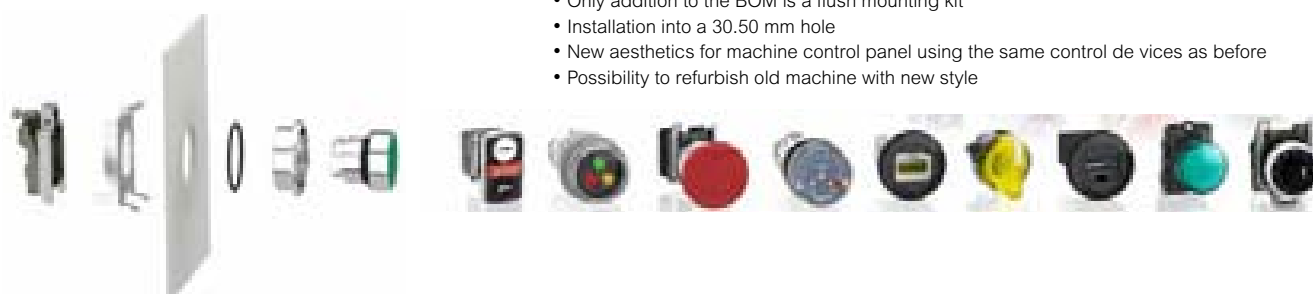
Clear silicon boots

Description	Reference	Unit LP [₹]
Boot for cylindrical flush PB	ZBPAN ☒	52
Boot for cylindrical projecting PB	ZBP0N	54
Boot for double head illuminated PB and non-illuminated PB	ZBW008N	94

Light block with screw clamp terminal connections

Description	Supply Voltage	Colour of Light source	Reference	Unit LP [₹]
Integral LED	~ 24V	White	ZBVB1N	244
		Green	ZBVB3N ☒	244
		Red	ZBVB4N	244
		Yellow	ZBVB5SN	244
		Amber	ZBVB8N	244
		Blue	ZBVB6N	645
	~ 110V	White	ZBVG1N	324
		Green	ZBVG3N	315
		Red	ZBVG4N	315
		Yellow	ZBVG5SN	822
		Amber	ZBVG8N	324
		Blue	ZBVG6N	670
	~ 220V	White	ZBVM1N	382
		Green	ZBVM3N ☒	252
		Red	ZBVM4N ☒	252
		Yellow	ZBVM5SN	252
		Amber	ZBVM8N	259
		Blue	ZBVM6N	651
Direct bulb holder without resistance	~ 130V	-	ZBV6N	154

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	797
Metal flush mounting kit (SS and IPB).	ZB4BZ022	840
Plastic flush mounting kit (PB and PL).	ZB5AZ021	700
Plastic flush mounting kit (SS and IPB).	ZB5AZ022	707
Plastic flush mounting kit for legend 8x27 (PB and PL).	ZB5AZ023	797
Plastic flush mounting kit for legend 8x27 (SS and IPB).	ZB5AZ024	847
Plastic flush mounting kit for legend 18x27 (PB and PL).	ZB5AZ025	1096
Plastic flush mounting kit for legend 18x27 (SS and IPB).	ZB5AZ026	1146

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. March 12, 2018

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

Description	Colour	Reference	Unit LP [₹]
≈ 24V	White	ZALVB1	498
	Green	ZALVB3	484
	Red	ZALVB4	484
	Yellow	ZALVB5	484
	Blue	ZALVB6	544
	White	ZALVG1	703
~ 120V	Green	ZALVG3	725
	Red	ZALVG4	566
	Yellow	ZALVG5	629
	Blue	ZALVG6	629
	White	ZALVM1	1564
~ 220V	Green	ZALVM3	873
	Red	ZALVM4	738
	Yellow	ZALVM5	691
	Blue	ZALVM6	711
	White	ZBVB1	432
≈ 24V	Green	ZBVB3	332
	Red	ZBVB4	332
	Yellow	ZBVB5	323
	Blue	ZBVB6	420
	White	ZBVG1	965
~ 120V	Green	ZBVG3	440
	Red	ZBVG4	536
	Yellow	ZBVG5	519
	Blue	ZBVG6	982
	White	ZBVM1	987
~ 220V	Green	ZBVM3	420
	Red	ZBVM4	420
	Yellow	ZBVM5	427
	Blue	ZBVM6	513

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 ☒	541
	2	Dark grey	XALD02 ☒	669
	3	Dark grey	XALD03	815
	4	Dark grey	XALD04 ☒	1114
	5	Dark grey	XALD05	1455
For normal environment Light Grey base IP54	1	Yellow	XALK01 ☒	598
	2	Light Grey	XALE2	447
	3	Light Grey	XALE3	545

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 ☒	288
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	2085
	Red	XVBC34	2125
	Orange	XVBC35	2125
	Blue	XVBC36	2085
	Clear	XVBC37	2125
	Yellow	XVBC38	2085
Lens unit - flashing light - 24..48 V DC 24 V AC	Green	XVBC4B3	5934
	Red	XVBC4B4	5766
	Orange	XVBC4B5	5766
	Blue	XVBC4B6	5934
	Clear	XVBC4B7	5934
	Yellow	XVBC4B8	5663
Lens unit - flashing light - 48..230 V AC	Green	XVBC4M3	5789
	Red	XVBC4M4	6063
	Orange	XVBC4M5	5934
	Blue	XVBC4M6	6049
	Clear	XVBC4M7	5789
	Yellow	XVBC4M8	5789
Lens unit - steady light - 24 V AC DC	Green	XVBC2B3	4674
	Red	XVBC2B4	4674
	Orange	XVBC2B5	4674
	Blue	XVBC2B6	6030
	Clear	XVBC2B7	6030
	Yellow	XVBC2B8	4585
Lens unit - steady light - 120 V AC	Green	XVBC2G3	4582
	Red	XVBC2G4	4585
	Orange	XVBC2G5	4766
	Blue	XVBC2G6	5777
	Clear	XVBC2G7	5777
	Yellow	XVBC2G8	4789
Lens unit - steady light - 230 V AC	Green	XVBC2M3	4585
	Red	XVBC2M4	4585
	Orange	XVBC2M5	4585
	Blue	XVBC2M6	6358
	Clear	XVBC2M7	5967
	Yellow	XVBC2M8	4992
Lens unit - flashing light - 24 V AC DC	Green	XVBC5B3	8237
	Red	XVBC5B4	7986
	Orange	XVBC5B5	8068
	Blue	XVBC5B6	10067
	Clear	XVBC5B7	6629
	Yellow	XVBC5B8	7940
Lens unit - flashing light - 120 V AC	Green	XVBC5G3	8236
	Red	XVBC5G4	8226
	Orange	XVBC5G5	8078
	Blue	XVBC5G6	10028
	Clear	XVBC5G7	9417
	Yellow	XVBC5G8	8196
Lens unit - flashing light - 230 V AC	Red	XVBC5M4	7915
	Orange	XVBC5M5	8226
	Blue	XVBC5M6	9970
	Clear	XVBC5M7	9417
	Yellow	XVBC5M8	8226
Flashing unit - integral LED - 230..240 V AC	Green	XVBC5M3	8226

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	6517
Sound unit - continuous or intermittent buzzer - 75..90 dB - 120..230 V AC	XVBC9M	10953
XVB Base Unit + Cover		
Base unit + cover for bank XVB - without flash discharge tube - black - IP 65	XVBC21	2946
XVB Accessories		
Fixing base on vertical surface - zamak black - XVB	XVBC12	1785
Lateral cable entry kit with Pg 13.5 cable gland - XVB	XVBC14	389
Set of coloured indicator pins - 6 colors - XVB	XVBC22	323
Support tube + fixing base l=400 mm - aluminium black - XVB	XVBZ03	2453
Support tube + fixing base l=80 mm - aluminium black - XVB	XVBZ02	1854
Support tube + fixing base l=800 mm - aluminium black - XVB	XVBZ04	3652
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. March 12, 2018



- 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	9830
Multi-functional LED Beacon red without buzzer DC/AC 12~24V	XVR3B04	9846
Multi-functional LED Beacon orange without buzzer DC/AC 12~24V	XVR3B05	9681
Multi-functional LED Beacon blue without buzzer DC/AC 12~24V	XVR3B06	9928
Multi-functional LED Beacon green without buzzer AC 100~230V	XVR3M03	9830
Multi-functional LED Beacon red without buzzer AC 100~230V	XVR3M04	9681
Multi-functional LED Beacon Orange without buzzer AC 100~230V	XVR3M05	9681
Multi-functional LED Beacon Blue without buzzer AC 100~230V	XVR3M06	9928
Multi-functional LED Beacon green with buzzer DC/AC 12~24V	XVR3B03S	21184
Multi-functional LED Beacon red with buzzer DC/AC 12~24V	XVR3B04S	19738
Multi-functional LED Beacon orange with buzzer DC/AC 12~24V	XVR3B05S	20319
Multi-functional LED Beacon blue with buzzer DC/AC 12~24V	XVR3B06S	21184
Multi-functional LED Beacon green with buzzer AC 100~230V	XVR3M03S	10705
Multi-functional LED Beacon red with buzzer AC 100~230V	XVR3M04S	8882
Multi-functional LED Beacon orange with buzzer AC 100~230V	XVR3M05S	9715
Multi-functional LED Beacon blue with buzzer AC 100~230V	XVR3M06S	10705
Multi-functional LED Beacon green without buzzer DC48V	XVR3E03	9928
Multi-functional LED Beacon red without buzzer DC48V	XVR3E04	9681
Multi-functional LED Beacon orange without buzzer DC48V	XVR3E05	9681
Multi-functional LED Beacon blue without buzzer DC48V	XVR3E06	9928
Multi-functional LED Beacon, External lens	XVR3Z001	268

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	2093
Fixing base for support tube with tapping 1/2 " npt - black		XVR013	1206
Green domed lens - ø 165	green	XVR0153	4515
Red domed lens - ø 165	red	XVR0154	4515
Orange domed lens - ø 165	orange	XVR0155	4515
Blue domed lens - ø 165	blue	XVR0156	4515
Yellow domed lens - ø 165	yellow	XVR0158	4515
Protective grid for lens unit		XVR016	2029

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

XVS Sirens

Description	Reference	Unit LP [₹]
2 Tones siren - 106 dB - 12...24V AC/DC - White	XVS10BMW	18186
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. March 12, 2018

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	13240
	Red	XVR1B94	14640
	Orange	XVR1B95	13189
	Blue	XVR1B96	13240
	Yellow	XVR1B98	13189
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Green	XVR08B03	10473
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Green	XVR10B03	10473
Rotating mirror beacon with buzzer XVR - Ø 120 - 24 V AC DC	Green	XVR12B03	13349
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 24 V AC DC	Red	XVR13B04L	10783
	Orange	XVR13B05L	10474
Rotating mirror beacon w/o buzzer XVR - Ø 84 - 24 V AC DC	Blue	XVR08B06	11422
Rotating mirror beacon w/o buzzer XVR - Ø 106 - 24 V AC DC	Blue	XVR10B06	11422
Rotating mirror beacon w/o buzzer XVR - Ø 120 - 24 V AC DC	Blue	XVR12B06	13455
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 120 V AC	Red	XVR13G04L	12743
	Orange	XVR13G05L	11422
Rotating mirror beacon w/o buzzer XVR - Ø 130 - 230 V AC	Red	XVR13M04L	13562
	Orange	XVR13M05L	12865

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	2986
	XVMB2RASB	2939
	XVMB2RGSB	4365
	XVMB2RAGSB	5795
	XVMB2R6AGSB	6338
Complete Tower 24 V AC/DC With Buzzer	XVMB2RSSB	3363
	XVMB2RASSB	4693
	XVMB2RGSSB	4947
	XVMB2RAGSSB	7486
	XVMB2R6AGSSB	10032
Complete Tower 120 V AC Without Buzzer	XVMG2RSB	4024
	XVMG2RASB	4363
	XVMG2RGSB	4226
	XVMG2RAGSB	5225
	XVMG2R6AGSB	7689
Complete Tower 120 V AC With Buzzer	XVMG2RSSB	4287
	XVMG2RASSB	5543
	XVMG2RGSSB	5496
	XVMG2RAGSSB	6754
	XVMG2R6AGSSB	9197
Complete Tower 230 V AC Without Buzzer	XVMM2RSB	3762
	XVMM2RASB	4064
	XVMM2RGSB	4260
	XVMM2RAGSB	6922
	XVMM2R6AGSB	8219
Complete Tower 230 V AC With Buzzer	XVMM2RSSB	6018
	XVMM2RASSB	5827
	XVMM2RGSSB	6051
	XVMM2RAGSSB	7225
	XVMM2R6AGSSB	9528

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

XVM Series

Description	Reference	Unit LP [₹]
Base and Cover	XVMC21	621
Tube and Base	XVMC213T	1186
Base with Buzzer 24V	XVMC29B	1784
Tube and Base with Buzzer 24V	XVMC29B3T	2482
Tube and Base with Buzzer 120V	XVMC29G3T	2544
Base with Buzzer 230V	XVMC29M	1859
Green Lens	XVMC33	690
Red Lens	XVMC34	690
Yellow Lens	XVMC35	690
Blue Lens	XVMC36	690
Clear Lens	XVMC37	690
100mm Aluminium Tube with Stand	XVMZ02	571
100mm Aluminium Tube with Bracket	XVMZ02T	693
250mm Aluminium Tube with Stand	XVMZ03	821
250mm Aluminium Tube with Bracket	XVMZ03T	851
400mm Aluminium Tube with Stand	XVMZ04	1149
Cover for Replacement	XVMZ081	164
Tool for Bulb	ZBZX13	169
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

[illegible]

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. March 12, 2018

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	2646
3-Stage Red, Amber, Green	XVGB3	2997
4-Stage Red, Amber, Green, Blue	XVGB4	3609
With Buzzer		
2-Stage Red, Green	XVGB2S	3004
3-Stage Red, Amber, Green	XVGB3S	3407
4-Stage Red, Amber, Green, Blue	XVGB4S	3627
With direct aluminium tube mounting		
Without Buzzer		
2-Stage Red, Green	XVGB2T	2726
3-Stage Red, Amber, Green	XVGB3T	3314
4-Stage Red, Amber, Green, Blue	XVGB4T	4017
With Buzzer		
2-Stage Red, Green	XVGB2ST	3339
3-Stage Red, Amber, Green	XVGB3ST	3431
4-Stage Red, Amber, Green, Blue	XVGB4ST	4377
With aluminium tube mounting and fixing plate		
Without Buzzer		
2-Stage Red, Green	XVGB2H	2646
3-Stage Red, Amber, Green	XVGB3H	3028
4-Stage Red, Amber, Green, Blue	XVGB4H	3972
With Buzzer		
2-Stage Red, Green	XVGB2SH	3234
3-Stage Red, Amber, Green	XVGB3SH	3487
4-Stage Red, Amber, Green, Blue	XVGB4SH	4345
With aluminium tube mounting and foldable bracket		
Without Buzzer		
2-Stage Red, Green	XVGB2M	3033
3-Stage Red, Amber, Green	XVGB3M	3315
4-Stage Red, Amber, Green, Blue	XVGB4M	4001
With Buzzer		
2-Stage Red, Green	XVGB2SM	3289
3-Stage Red, Amber, Green	XVGB3SM	3600
4-Stage Red, Amber, Green, Blue	XVGB4SM	3630
With base mounting - Direct		
Without Buzzer		
2-Stage Red, Green	XVGB2W	2486
3-Stage Red, Amber, Green	XVGB3W	2925
4-Stage Red, Amber, Green, Blue	XVGB4W	3837
With Buzzer		
2-Stage Red, Green	XVGB2SW	2910
3-Stage Red, Amber, Green	XVGB3SW	3291
4-Stage Red, Amber, Green, Blue	XVGB4SW	3932
XVG-USB Based Towerlights 		
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 Direct base mounting	XVGU3SWV	6452
Pre-assembled and pre-cabled Multicolor USB tower light 60mm IP42 With 100 mm aluminium tube mounting	XVGU3SHAV	7313

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

 **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018



- 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	107624
ZART8L + ZARB12H	ZART8L + ZARB12H	112942
ZART8D + ZARB18W	XARS8D18W	120851
ZART8D + ZARB18H	XARS8D18H	122871
ZART12D + ZARB18W	XARS12D18W	117762
ZART12D + ZARB18H	XARS12D18H	120240
Starter kit = XARS8L12W + ZARC01 + ZARC02	XARSK8L12W	132758
Starter kit = XARS8L12H + ZARC01 + ZARC02	XARSK8L12H	135870
Starter kit = XARS8D18W + ZARC01 + ZARC02	XARSK8D18W	143145
Starter kit = XARS8D18H + ZARC01 + ZARC02	XARSK8D18H	145115
Starter kit = XARS12D18W + ZARC01 + ZARC02	XARSK12D18W	142895
Starter kit = XARS12D18H + ZARC01 + ZARC02	XARSK12D18H	141323
Basic features – 8 pushbuttons - LEDs	ZART8L	51949
Basic features – 8 pushbuttons - Display	ZART8D	59795
Extended features – 12 pushbuttons	ZART12D	60173
12 outputs wired connection – cable gland	ZARB12W	56881
12 outputs – industrial plug connection	ZARB12H	60993
18 outputs wired connection – cable gland	ZARB18W	63829
18 outputs – industrial plug connection	ZARB18H	65915
Charger	ZARC01	6278
Shoulder belt	ZARC02	6453
External antenna	ZARC03	17797
Holder	ZARC04	2506
Connector plug female with cable 1.5m	ZARC05	20231
Cable gland kit with wire grommets	ZARC06	255
Kit of adhesive labels in B/W for remote device	ZARC07	1154
Kit of adhesive labels in colour for remote device and crane equipment	ZARC08	4737
Kit silent block for ZARB base station	ZARC09	14257
Connector plug female with cable 3m	ZARC12	34896
Connector plug female with cable 5m	ZARC18	52170

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	3953
		1 NC + 1 NO	XACA205	4166
2 bootied pushbuttons	With mechanical interlocking	1 NO	XACA211	3991
		1 NC + 1 NO	XACA215	4549
For Single-Speed Motors				
2 pushbuttons	With mechanical interlocking	1 NO	XACA271 	4053
		1 NC + 1 NO	XACA281 	4564
4 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA471 	5169
		1 NC + 1 NO	XACA481 	5867
6 pushbuttons	With mechanical interlocking Between pairs	1 NO	XACA671 	6040
		1 NC + 1 NO	XACA681 	7457
8 pushbuttons	With mechanical interlocking Between pairs	1 NO (for 7 operators)	XACA871 	7074
		1 NO (for 8 operators)		
			1 NC + 1 NO	XACA881 

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	4488
2-Direction Spring Return to Zero			XD2PA22 ☒	4156
4-Direction Stay-Put	ZD2-GY4201	123	XD2PA14	5133
4-Direction Spring Return to Zero			XD2PA24 ☒	5214
XD2-G (Two steps in each position) Dia. 22mm				
2 - Direction (2 notches with spring return to zero)	ZD2-GY5201	139	XD2GA8241	9964
2-Direction (1st notchstay-put, 2nd notch spring return to 1st)			XD2GA8251	9768
4-Direction spring (2 notches with spring return to zero)	ZD2-GY6201	146	XD2GA8441	13145
4-Direction (1st notch stay-put, 2nd notch spring return to 1st)			XD2GA8451	14097

Foot Switch

Contacts Type and Composition	Reference	Unit LP [₹]
Insulated Enclosure 1 NC + 1 NO	XPEA110 ☒	4091

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

☒ NORMAL STOCK ITEMS

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Telemecanique Sensors

Simply easy!™

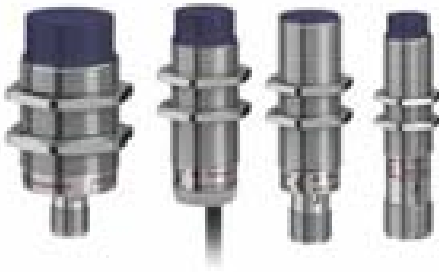


Wireless Limit Switch Solution



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 ☒	2630
		PNP NO	XUB5BPANM12 (Metal) ☒	3510
		PNP NO	XUB5APANL2 ☒	2630
		PNP NO	XUB5BPANL2 ☒	3510
Polarised reflex	2m	PNP NO	XUB9APANM12 ☒	2790
		PNP NO	XUB9BPANM12	3460
		PNP NO	XUB9APANL2	2950
		PNP NO	XUB9BPANL2	3460
Fixed Diffuse	100 mm	PNP NO	XUB4APANL2	2550
			XUB4APANM12 ☒	2550
			XUB4BPANM12 (Metal)	3170
		NPN NC	XUB4ANBNL2	2550
Reflex	4 m	PNP NO	XUB1APANL2 (Without Reflector)*	2550
			XUB1APANM12	2550
			XUB1BPANM12 (Metal)	3170
		PNP NC	XUB1APBNL2 (Without Reflector)*	2550
Receiver Thru Beam	15 m	PNP NO	XUB2APANL2R	2260
			XUB2AKSNL2T	1530
			XUB2AKSNM12T	1530
		PNP NC	XUB2BKSNM12T (Metal)	1970
Receiver Thru Beam	15m	PNP NO	XUB2APANM12R	2260
Receiver Thru Beam			XUB2BPANM12R (Metal)	3040
Transmitter Thru Beam			XUB2AKSNL2T	1530

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	5020
Multi Mode	> 0...20 m	Connector	XUB0APSNM12	5160
Multi Mode	> 0...20 m	Connector	XUB0BPSNM12 (Metal)	5250

Principle of operation	Sensing Distance	Output	Reference	Unit LP [₹]
COMPACT 50 x 50 mm				
Reflex	7 m	AC/DC 1C/O Relay	XUK1ARCNL2	4920
Diffuse	1 m	AC/DC 1C/O Relay	XUK5ARCNL2	4920
Reflex polarized	5 m	AC/DC 1C/O Relay	XUK9ARCNL2	5400
Multimode	30 m	pnp/npn no/nc	XUK0AKSAL2	6610
Multimode	30 m	AC/DC 1C/O Relay	XUK0ARCTL2	7590
Compact 92 x 71 mm				
Diffuse	2.1 m	AC/DC 1C/O relay	XUX5ARCNT16	6570
Reflex Polarized	11 m	AC/DC 1C/O relay	XUX9ARCNT16	6700
Reflex	14 m	AC/DC 1C/O relay	XUX1ARCNT16	6000
Thru beam transmitter		AC/DC	XUX0ARCTT16T	5840
Multimode	1.3 m...40 m	PNP/NPN NO/NC	XUX0AKSAT16	9980
Multimode	1.3 m...40 m	AC/DC 1C/O relay	XUX0ARCTT16	10500

*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 ☒	2590
Polarised Reflex	> 1...5 m	Connector	XUM9APCNM8 ☒	2590
Diffuse	> 0.3...1 m	Cable 2 m	XUM5APCNL2 ☒	2440
Diffuse	> 0.3...1 m	Connector	XUM5APCNM8	2490
Thru beam - Transmitter	15M	Cable	XUM2AKCNL2T ☒	2170
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	5420

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	11200

Fixing Bracket

Description	Reference	Unit LP [₹]
For XUB	XUZA118	650
For XUK	XUZA51	540

Reflector (mm)

Description	Reference	Unit LP [₹]
24 x 21	XUZA24	840
50 x 50	XUZA50 ☒	860
80 (dia)	XUZA80 ☒	1130
100 x 100	XUZA100 ☒	1220

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

☒ NORMAL STOCK ITEMS

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OsiSense XU



SN [mm]	Light Mode	Output	Connection	Reference	Unit LP [₹]
Fork Sensor					
30mm	Red LED	PNP,[NO]	2m Cable	XUVR0303PANL2	5000
50mm	Red LED	PNP,[NO]	M8 Connector	XUVR0605PANM8	6100

Fiber Design Amplifier



- 3 Wire DC, Teach Mode

Depending on fiber	-	PNP NO/NC programmable	2M Cable	XUDA2PSML2 ☒	10070
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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	6150
1m	Compact 50x50	PNP/NPN,NO/NC programmable	M12 Connector	XUK8AKSNM12 ☒	6150
0.3m	Miniature	PNP NO/NC programmable	2m Cable	XUM8APCNL2 ☒	3710

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

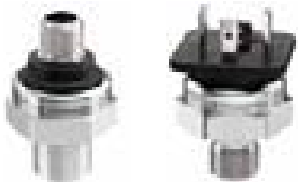
Electromechanical Pressure Switches



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 10⁶ operating cycles			
Setting screw external	1-6 bar	XMAV06L2135	2460
Adjustable range of rising pressure	1.3-12 bar	XMAV12L2135	2500
	3.5-25 bar	XMAV25L2135	3080
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 ☒	1050
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 ☒	8300
0.7 to 20 bar		XMLA020A2S11 ☒	6160
1.5 to 35 bar		XMLA035A2S11 ☒	6160
5 to 70 bar		XMLA070D2S11 ☒	6780
Adjustable differential			
0.25 to 4 bar		XMLB004A2S11 ☒	8970
1.3 to 20 bar		XMLB020A2S11 ☒	8970
3.5 to 35 bar		XMLB035A2S11	8970
7 to 70 bar		XMLB070D2S11	9610

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 ☒	6280
0 to 400 bar	4-20mA	DIN 43650	XMLP400BC22	6470
0 to 400 bar	0-10V	M12	XMLP400BD72	6590

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

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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 ☒	1390
Cat's whisker - 1 NC + 1 NO		XCKD2106G11	1450
Steel end plunger - 1 NC + 1 NO		XCKD2110G11	1130
Thermoplastic roller lever - 1 NC + 1 NO		XCKD2118G11 ☒	1300
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO		XCKD2121G11 ☒	1550
Thermoplastic adjustable roller lever - 1 NC + 1 NO		XCKD2145G11 ☒	1450
Sub-assemblies Metal Bodies for XCKD			
Body ZCD 1 NC + 1 NO Snap Action	2	ZCD21 ☒	1710
Body ZCD 2 NC + 1 NO Snap Action	3	ZCD39	2020
Gland and Head for ZCD Bodies			
Cable gland entry Pg 11 - metal body		ZCDEG11	145
Head for Limit switch - ZCE without operating lever		ZCE01 ☒	470
Steel roller plunger		ZCE02 ☒	640
Cat's whisker		ZCE06	770
Steel end plunger		ZCE10	350
Thermoplastic roller lever plunger, horizontal direction		ZCE21 ☒	700
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 ☒	550
1NO + 2NC	3	XE3SP2141	1250

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 ☒	1230
Spare contacts	XE2SP2151 ☒	550
For ordering complete limit switches, please select body and head listed above		
Head		
Head - steel roller plunger	ZCKD02 ☒	670
Head - cat's whisker	ZCKD06 ☒	680
Head - spring rod lever	ZCKD08 ☒	670
Head - steel end plunger	ZCKD10 ☒	360
Delrin roller lever head	ZCKD15 ☒	810
Delrin roller lever plunger head	ZCKD21 ☒	670
Steel roller lever plunger head	ZCKD23	880
Variable length Delrin roller lever	ZCKD41 ☒	700

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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 ☒	1070
Cat's whisker - 1 NC + 1 NO	XCKP2106G11 ☒	1130
Steel end plunger - 1 NC + 1 NO	XCKP2110G11 ☒	800
Delrin roller lever ⁽¹⁾	XCKP2118G11 ☒	960
Delrin roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKP2121G11 ☒	1130
Delrin roller lever plunger, vertical direction - 1 NC + 1 NO	XCKP2127G11 ☒	1180
Adjustable roller lever - 1 NC + 1 NO (1) (Variable Length)	XCKP2145G11 ☒	1070
Spare contact block	XE2SP2151 ☒	550

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 ☒	2390
Metal end plunger	XCMD2110L1 ☒	2070
Thermoplastic roller lever	XCMD2115L1 ☒	2200

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 ☒	1380
Head - cat's whisker	ZCKE06 ☒	1390
Head - spring rod lever	ZCKE08 ☒	1390
Head - steel roller lever	ZCKE23	2250
Head - metal end plunger	ZCKE61	1090
Head - reinforced end plunger	ZCKE67 ☒	1740
Body - 1 NC + 1 NO - terminals	ZCKJ1 ☒	1630
Body - 2 OC - terminals 2 NO + 2 NC	ZCKJ2 ☒	2770
Steel roller lever	ZCKY13 ☒	360
Delrin roller lever Ø 50 mm	ZCKY41 ☒	480
Nylon round rod Ø 6 mm	ZCKY59 ☒	300
spare contacts	XE2SP2151 ☒	550

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. March 12, 2018

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 ✓	750
Steel roller plunger	For transverse cam movement	XCJ103 ✓	750
Steel end plunger	Vertical cam approach	XCJ110 ✓	670
Short flat roller lever plunger	One way operation	XCJ121	620
Short flat lever plunger		XCJ125	490
Long flat lever plunger		XCJ126 ✓	560
short roller lever plunger - flat		XCJ127 ✓	560
Long roller lever plunger - flat		XCJ128 ✓	590

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 ✓	1090
Steel end plunger	XCE110 ✓	1020
Thermoplastic roller lever	XCE118 ✓	1120
Variable length thermoplastic roller lever	XCE145 ✓	1240
Round rod Ø3 mm steel rod	XCE154	1210
Spring rod lever	XCE181	1190

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 ✓	750
Cat's whisker - 1 NC + 1 NO	Multi-directional approach	XCKN2106G11 ✓	780
Spring lever - 1 NC + 1 NO	Multi-directional approach	XCKN2108G11 ✓	890
Steel end plunger - 1 NC + 1 NO	Vertical approach 1 direction	XCKN2110G11 ✓	550
Thermoplastic roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2118G11 ✓	620
Thermoplastic roller lever plunger, horizontal direction - 1 NC + 1 NO	Lateral approach 1 direction	XCKN2121G11 ✓	780
Variable length adjustable roller lever - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2145G11 ✓	750
Variable length adjustable Thermoplastic roller lever Ø 50 mm - 1 NC + 1 NO	Lateral approach 2 directions	XCKN2149G11 ✓	850

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

✓ NORMAL STOCK ITEMS

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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 ☒	1520
Cat's whisker - 1 NC + 1 NO	XCMN2106L1	1610
Steel end plunger	XCMN2110L1	1240
Thermoplastic roller lever - 1 NC + 1 NO	XCMN2115L1	1370
roller lever plunger - 1 NC + 1 NO - one direction actuation	XCMN2121L1	1610
Thermoplastic adjustable roller lever - 1 NC + 1 NO	XCMN2145L1	1560

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 ☒	8860
With Cruciform metal rod	2x2 pole NC + NC Staggered	PG 13 Cable Gland	XCKMR54D1 ☒	8990

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 ☒	4040

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	12660
Spring return roller stainless steel with lever	10° fault signalling 18° stopping of the conveyor belt	XCRT215	17860
Spring Return steel roller lever	23° Stopping of the Conveyor Belt (1 C/O)	XCKJ105217H29	3290

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. March 12, 2018

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 ☒	680
Metal end plunger	M20	XCKM110H29LC	660
Steel roller plunger	PG11	XCKM102LC ☒	680
Steel roller plunger	M20	XCKM102H29LC	810
Steel roller lever	Pg11	XCKM116LC ☒	710
Steel roller lever	M20	XCKM116H29LC	730
Steel roller lever Horizontal actuation	Pg11	XCKM2023LC ☒	710
Steel roller lever Horizontal actuation	M20	XCKM2023H29LC	720

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 ☒	1290
Metal end plunger	Pg 13.5	XCKJ161LC ☒	980
Steel roller plunger	M20	XCKJ167H29LC ☒	1010
Steel roller plunger	Pg 13.5	XCKJ167LC ☒	1010
Thermoplastic roller lever	M20	XCKJ10511H29LC	1050
Thermoplastic roller lever	Pg13.5	XCKJ10511LC	1030
Steel roller lever	M20	XCKJ10513H29LC ☒	1080
Steel roller lever	Pg13.5	XCKJ10513LC ☒	1080
Var.length Thermoplastic roller lever	M20	XCKJ10541H29LC	1010
Var.length Thermoplastic roller lever	Pg13.5	XCKJ10541LC	1010
Polyamide 6 mm rod lever	M20	XCKJ10559H29LC	1130
Polyamide 6 mm rod lever	Pg.13.5	XCKJ10559LC ☒	1130
Var.length Steel roller lever	M20	XCKJ10543H29LC ☒	1030
Var.length Steel roller lever	Pg13.5	XCKJ10543LC ☒	1030

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	1350
Steel end plunger - 1 NC + 1 NO	XCKT2110G11	1060
Delrin - roller lever plunger, horizontal direction - 1 NC + 1 NO	XCKT2121G11	1350

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. March 12, 2018

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	8640
Steel roller plunger	XCKW102	8830
Plastic roller lever	XCKW131	8930
Elastomer roller Ø 50mm lever	XCKW139	9310
Variable length roller lever	XCKW141	8930
Variable length elastomer roller Ø 50mm lever	XCKW149	9220
Plastic round Ø 6mm lever	XCKW159	8260
Pack composed of transmitter XCKW102 and receiver ZBRRD	XCKWD02	14210
Pack composed of transmitter XCKW131 and receiver ZBRRD	XCKWD31	14400

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	2280
2 Pole NC + NO - Break Before Make, Slow Break	Pg 11	XCSPA591	1730
2 Pole NC + NO - Break Before Make, Slow Break	½" NTP	XCSPA592 ☒	1700
2 Pole NC + NC - Slow Break	Pg 11	XCSPA791	1700
2 Pole NC + NC - Slow Break	½" NTP	XCSPA792	1700
3 Pole NC+ NO + NO - Slow Break (2NO Staggered)	Pg11	XCSTA591 ☒	2110

XCS LE /LF Safety Solenoid Interlock



Body Type	Contacts	Voltage	Locking	Reference	Unit LP [₹]
Metal	NO + NC	24V AC/DC	On de-energisation	XCSLF2525312	12440
Plastic	NO + NC	24V AC/DC	On de-energisation	XCSLE2525312 ☒	10370
Plastic	NC + NC + NO	24V AC/DC	On de-energisation	XCSLE3737312	12550

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 ☒	3610
2-pole 1 NO + 1 NO (staggered)	Compact 51 x 16 x 7	2m Cable	XCSDMC7902	3670
2-pole 1 NC + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP5902	3130
2-pole 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	2m Cable	XCSDMP7902	3190
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP700L01M12	4620
3-pole 1 NC + 1 NO + 1 NO (staggered)	Standard 88 x 25 x 13	M12 Connector	XCSDMP701L01M12	4890
2-pole 1 NC + 1 NO (staggered)	Cylindrical D=30, L= 38.5	M12 Connector	XCSDMR590L01M12	4430

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	1150
			PNP	XS108BLPAL2 ☒	1010
				XS108BLPAM12 ☒	1140
				XS108BLPAM8	1040
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
2.5mm	M8	1 NO	NPN	XS208BLNAL2 ☒	1210
			PNP	XS208BLPAL2 ☒	1170
				XS208BLPAM12	1180
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
2mm	M12	1NC	PNP	XS112BLPBL2 ☒	1100
		1 NO	NPN	XS112BLNAL2 ☒	930
			XS112BLNAM12	1110	
			PNP	XS112BLPAL2 ☒	910
				XS112BLPAM12 ☒	910

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	1150			
			PNP	XS212BLPBL2	1120			
		1 NO	NPN	XS212BLNAL2	930			
			NPN	XS212BLNAM12	1290			
			PNP	XS212BLPAL2	910			
			PNP	XS212BLPAL5	1100			
			PNP	XS212BLPAM12	930			
			Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
5 mm	M18	1NC	PNP	XS118BLPBL2	1240			
			NPN	XS118BLNAL2	930			
		1 NO		XS118BLNAM12	1310			
				XS118BLPAL2	930			
			PNP	XS118BLPAL5	1150			
				XS118BLPAM12	960			
			Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
			8 mm	M18	1 NO	NPN	XS218BLNAL2	930
XS218BLNAL5	1590							
XS218BLNAM12	1430							
PNP	XS218BLPAL2	910						
	XS218BLPAL5	1100						
		XS218BLPAM12				930		

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	1670
		1 NO	NPN	XS130BLNAL2 ☒	1620
			PNP	XS130BLPAL2 ☒	1030
				XS130BLPAM12	1660
Three Wire Metal 12-24V DC, Non Flush Mountable - Threaded					
15mm	M30	1NC	PNP	XS230BLPBL2	1060
		1 NO	NPN	XS230BLNAL2	1650
			PNP	XS230BLPAL2 ☒	1010
				XS230BLPAL5	1220
				XS230BLPAM12	1670

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. March 12, 2018

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	2940
2.5 mm (Length 51 mm)	M8	1 NO	PNP	XS608B1PAM12 ☒	2760
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAL2 ☒	2440
4 mm (Length 53 mm)	M12	1 NO	PNP	XS612B1PAM12 ☒	2260
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAL2 ☒	2680
8 mm (Length 62 mm)	M18	1 NO	PNP	XS618B1PAM12 ☒	2550
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAL2 ☒	3200
15 mm (Length 62 mm)	M30	1 NO	PNP	XS630B1PAM12 ☒	3040
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
4 mm	M12	1 NO	PNP	XS112B3PAL2	1780
				XS112B3PAM12 ☒	1670
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
8 mm	M18	1 NO	PNP	XS118B3PAL2	1970
				XS118B3PAM12	1850
Three Wire Metal 12-24V DC, Flush Mountable - Threaded					
15 mm	M30	1 NO	PNP	XS130B3PAM12	2070

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 ☒	3680
8 mm	M18	NO	XS618B1MAL2 ☒	3680
15 mm	M30	NO	XS630B1MAL2 ☒	4040
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	7690
60 mm	80 x 80 x 26	AC/DC NO	XS8D1A1MAL2	10060

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 ☒	10670
24...240 V AC 50/60 Hz	5...350 mA AC				120...3000	XSAV12801 ☒	10670
12...48 V DC	≤ 200 mA overload and short-circuit protection	3-wire DC PNP	10 mm	0...8 mm	6...150	XSAV11373 ☒	10190
					120...3000	XSAV12373 ☒	10190

Accessories

Description	sensor Design	Reference	Unit LP [₹]
Fixing for cylindrical sensor	m18	XSZB118	570

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	2690
Flat form 80x80x26	PNP [NO], 3-wire	<=100 mA	Flush-40mm	XS7D1A1PAL2	3740
Flat form 40x40x15	PNP [NO], 3-wire	<=200mA	Non-Flush-25mm	XS8C1A1PAL2	6990
Flat form 80x80x26	PNP [NO], 3-wire	<=200mA	Non-Flush-60mm	XS8D1A1PAL2	7180



XS Cubic C2 Form



XS Turret Form

Sensing range	Output	Connection	Reference	Unit LP [₹]
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XS Cubic C2 Form

15mm	1 NO	Terminal	XS7C2A1PAM12	2590
20mm	1 NO + 1NC	Terminal	XS8C2A1PCM12	2940
40mm	1 NO + 1NC	Terminal	XS8C2A4PCM12 ☒	3380

XS Turret Form

15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1DPG13	3980
15 mm	1NO + 1 NC programmable	Terminals	XS7C4A1MPG13 ☒	4500
20mm	1NO+ 1NC	Terminals	XS8C4A1PCG13 ☒	4130
20mm	1NO+ 1NC	Terminals	XS8C4A1PCP20	5100
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1DPG13	6580
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	5060
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPP20	5060
20mm	1NO + 1 NC programmable	Terminals	XS8C4A1MPG13	5060

XT Capacitive sensor

Sensing range	Output	Connection	Reference	Unit LP [₹]
8mm	1 NO	2M Cable	XT218A1PAL2	2700
8mm	1NC + NO	M12 Connector	XT218A1PCM12 ☒	2680
15mm	1NO	2M Cable	XT230A1PAL2 ☒	2950
15mm	1NO + 1 NC	M12 connector	XT230A1PCM12	3030

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	8630
1 m	M30	PNP NO	XX6V3A1PAM12 ☒	10440

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	24710
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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	11000



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	590
PUR Pre-wired connector	M8, 3 pins	Straight	5m	XZCP0566L5	850
PUR Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCP0666L5	850
PUR Pre-wired connector	M8, 4 pins	Straight	2m	XZCP0941L2	680
PUR Pre-wired connector	M8, 4 pins	Straight	5m	XZCP0941L5	850
PUR Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCP1041L2	680
PUR Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCP1041L5	850
PUR Pre-wired connector	M12, 4 pins	Straight	2m	XZCP1141L2	620
PUR Pre-wired connector	M12, 4 pins	Straight	5m	XZCP1141L5	850
PUR Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCP1241L2	670
PUR Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCP1241L5	810
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	530
PVC Pre-wired connector	M8, 3 pins	Straight	5m	XZCPV0566L5	540
PVC Pre-wired connector	M8, 3 pins	Elbowed	5m	XZCPV0666L5	550
PVC Pre-wired connector	M8, 4 pins	Straight	2m	XZCPV0941L2	570
PVC Pre-wired connector	M8, 4 pins	Straight	5m	XZCPV0941L5	620
PVC Pre-wired connector	M8, 4 pins	Elbowed	2m	XZCPV1041L2	560
PVC Pre-wired connector	M8, 4 pins	Elbowed	5m	XZCPV1041L5	640
PVC Pre-wired connector	M12, 4 pins	Straight	2m	XZCPV1141L2	435
PVC Pre-wired connector	M12, 4 pins	Straight	5m	XZCPV1141L5	550
PVC Pre-wired connector	M12, 4 pins	Elbowed	2m	XZCPV1241L2	435
PVC Pre-wired connector	M12, 4 pins	Elbowed	5m	XZCPV1241L5	540
Osi Sense XZ Connector • Protection IP67 • Connection Type Screw Threaded					
Male connector	M12, 4 Pin	Straight		XZCC12MDM40B	350
Male connector	M12, 4 Pin	Elbowed		XZCC12MCM40B	350
Male connector	M12, 5 Pin	Straight		XZCC12MDM50B	790
Male connector	M12, 5 Pin	Elbowed		XZCC12MCM50B	790
Female connector	M12, 4 Pin	Straight		XZCC12FDM40B	350
Female connector	M12, 4 Pin	Elbowed		XZCC12FCM40B	350

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

NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Let TeSys be your drive

Intuitive solutions to protect, monitor and control your motor

TeSys offers the best in class features you need for protection, safety, monitoring and control of motor and power applications. TeSys matches a diverse range of solutions from the most common through the most advanced. Wherever you are in the world, and whichever TeSys products you choose like contactors, circuit breakers, thermal relays, among others, you can count on receiving the reliability, standards-compatibility, ease of ordering and installation you need.

Boosts your productivity

- **Make installation easier**
 - > The widest range of installation accessories available.
 - > Intuitive installation.
- **Optimize the organization of your switchboards**
 - > Compact solutions.
 - > Low heat dissipation.
- **Increase service continuity**
 - > Total coordination.
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 - > A solution for each electrical function.
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- **Recommend supervision and control solutions**
 - > Preventive maintenance
 - > Energy management
- **Extend motor lifetime**
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 - > Energy efficiency



Efficient power for your business

According to new regulations coming into force in the EU, from 1 January 2015 motors from 7.5 kW to 375 kW must be IE3 compliant. **By implementing IE3 motors now, you are preparing for the future.**

With the TeSys range, you know that your operations are ready for premium-efficiency motors. You also benefit directly from lower energy and life-cycle costs as well as a reduced environmental impact.

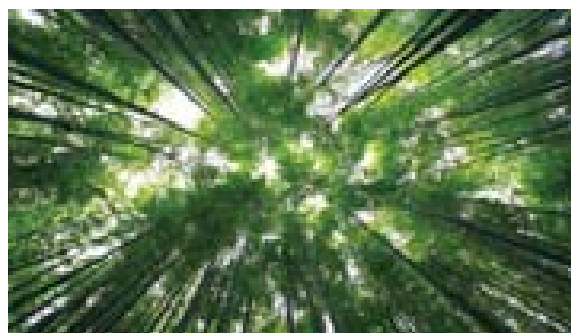


Best-in-class solutions for motors

With TeSys you can introduce premium-efficiency motors to your machinery with peace of mind. Tested for magnetic, thermal, and electrical endurance, the TeSys range has proven fully compatible with IE3 motors and ready for a higher peak inrush current.

Best-in-class TeSys products include:

- A complete range of equipment, including contactors, circuit breakers, thermal relays
- Energy efficiency and reduced CO² emissions thanks to a low consumption coil
- A high level of safety and reliability thanks to a robust, quality design
- Ease of selection, installation, and maintenance with no need for derating
- Worldwide availability and support



Go greener with TeSys

All TeSys products are certified with the Green Premium eco-mark, a standard implemented by Schneider Electric to provide comprehensive information on the environmental impact of a product.

The Green Premium mark assures compliance with the most up-to-date environmental regulations, including RoHS and REACH. With TeSys you can develop an effective environmental policy, as the range offers technical support and advice for eco-design projects.

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*	1100	CA3KN22**	1540	CA4KN22***	1870
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*	980	LP1K0601**	1450
		1 NO	LC1K0610*		LP1K0610**	
9	5.5	1 NC	LC1K0901*	1020	LP1K0901**	1620
		1 NO	LC1K0910*		LP1K0910**	
12	7.5	1 NC	LC1K1201*	1130	LP1K1201**	1780
		1 NO	LC1K1210*		LP1K1210**	
16	10	1 NC	LC1K1601*	1350	-	-
		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*	3040
		1 NO	LC2K0610*	
9	5.5	1 NC	LC2K0901*	3210
		1 NO	LC2K0910*	
12	7.5	1 NC	LC2K1201*	3310
		1 NO	LC2K1210*	
16	10	1 NC	LC2K1601*	3710
		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	-	-	-

Note: 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.

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Accessories - K Model

Description	Mounting	Contacts	Reference	Unit LP [₹]
auxiliary contact block	Front	2 NC	LA1KN02	350
		1 NO + 1 NC	LA1KN11 ☒	
		2 NO	LA1KN20	
		4 NC	LA1KN04	
		1 NO + 3 NC	LA1KN13	550
		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*	

* Lot size 5

(1) Front mounted with common point changeover contact

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	1560
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	1600

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

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

TeSys D and TeSys K S207: best-in-class contactors for railway applications

Designed to comply with
railway EN45545 R22HL3 regulation

**Contactors dedicated to main or urban line trains,
high speed trains, underground trains or trams:
brake and air conditioning compressors, lighting,
door control.**

- Complete 3P range from 6A to 95A AC3
- 4P range upto 125A AC1
- Complying with the main international railway standards
- Wide range coil: 0.7...1.25 Uc
- From -25°C to 70°C side by side mounted
- Lug ring terminals
- Compact and modular
- Robust

EN45545
R22HL3
standard
Now available
from 40A - 95A
AC3



• TeSys D S207



• TeSys K S207





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 40-65A



Reliability - increase machine uptime



Efficiency - increase energy efficiency



Productivity - easier integration with automation
architectures



Flexibility - easier design and streamlining of stock

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*	1200	CAD32**	1750	CAD32***	2080
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	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit MRP [₹]	DC Control Reference ⁽¹⁾	Unit MRP [₹]
	kW	hP	A	kW	hP	A					
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09* ☒	1200	LC1D09** ☒	1870
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12* ☒	1350	LC1D12** ☒	2030
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18* ☒	1500	LC1D18** ☒	2600
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25* ☒	1950	LC1D25** ☒	3250
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32* ☒	3850	LC1D32** ☒	6900
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38* ☒	5600	LC1D38** ☒	7850
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A* ☒	6000	LC1D40A**	9200
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A* ☒	7250	LC1D50A**	11500
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A* ☒	9900	LC1D65A**	13000
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A* ☒	11000	LC1D80A*	15800

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	AC Control Reference	Unit LP [₹]	DC Control Reference ⁽¹⁾	Unit LP [₹]
	kW	hP	A	kW	hP	A					
125	45	60	80	55	75	105	1 NO + 1 NC	LC1D80* ☒	13000	LC1D80**	16000
	45	60	95	55	75	110	1 NO + 1 NC	LC1D95*	15000	LC1D95**	18500
250	59	80	115	-	-	-	1 NO + 1 NC	LC1D115*	18500	LC1D115**	19500
	80	110	150	-	-	-	1 NO + 1 NC	LC1D150* ☒	24500	LC1D150**	25000

* Reference to be completed by adding coil voltage code

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

TeSys D

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 (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09****	2160
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12****	2300
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18****	3400
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25****	4400
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32****	7500
[Ie] Rated Operational Current AC1	Motor Power (Long Life) AC3			Motor Power (Normal Life) AC3			Auxiliary contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A#	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A#	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A#	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A#	15900

* Reference to be completed by adding coil voltage code

Coil Voltage Code

Type	Voltage	24	48	72	110	220	415
AC*	CAD, LC1-D09..to D150 50/60 Hz	B7	-	-	F7	M7	N7
DC**	CAD, LC1-D09..D150	BD	-	-	FD	MD	-
DC Low Consumption***	CAD	BL	-	-	FL	ML	-
DC Low Consumption****	LC1D09...D32	BL	EL	SL	-	-	-
TeSys D Green#	LC1D40A-80A	BBE					

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

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



- Current Rating: 9-65A
- Universal AC/DC coil from 24 - 500V
- Special low consumption offer from 40-80A
- Fuse-less Type 2 coordination charts available

The Revolutionary Electronic Coil Con

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
25	4	5.5	9	5.5	7.5	12	1 NO + 1 NC	LC1D09*	2750
	5.5	7.5	12	9	12.5	18	1 NO + 1 NC	LC1D12*	2880
32	9	12.5	18	11	15	25	1 NO + 1 NC	LC1D18*	3850
40	11	15	25	15	20	32	1 NO + 1 NC	LC1D25*	4550
50	15	20	32	22	30	40	1 NO + 1 NC	LC1D32*	9000
	18.5	25	38	-	-	-	1 NO + 1 NC	LC1D38*	9900
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A*	10900
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A*	12000
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A*	13600
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A*	15800
[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			AC3 Duty (Normal Life)			Auxiliary Contacts	Reference	Unit LP [₹]
	kW	hP	A	kW	hP	A			
60	22	30	40	-	-	-	1 NO + 1 NC	LC1D40A****	9600
80	25	35	50	-	-	-	1 NO + 1 NC	LC1D50A****	11900
80	37	50	65	-	-	-	1 NO + 1 NC	LC1D65A****	13200
80	37	50	80	-	-	-	1 NO + 1 NC	LC1D80A****	15900

Coil Voltage Code

Type	Voltage	24-60VAC/DC	48-130VAC/DC	100-250VAC/DC	250-415VAC/250-500VDC
AC/DC*	LC1D09 - D38, LC1D40A - 80A	BNE	EHE	KUE	
24V DC Low Consumption**	LC1D40A - 80A	BBE (24 V DC only)			

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

☑ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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**	1920
	2NO+2NC	-	-	LC1D098**	2290
25	4NO	-	-	LC1DT25**	2430
	2NO+2NC	-	-	LC1D128**	3210
32	4NO	-	-	LC1DT32**	2890
	2NO+2NC	-	-	LC1D188**	3830
40	4NO	-	-	LC1DT40**	4530
	2NO+2NC	-	-	LC1D258**	5960
60	4NO	-	-	LC1DT60A**	9510
	2NO+2NC	-	-	LP1D40008**	11860

[Ie] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit LP [₹]	DC control Reference	Unit LP [₹]
80	4NO	-	-	LC1DT80A**	14190
	2NO+2NC	-	-	LP1D65008**	16030
125	4NO	-	-	LP1D80004**	17710
	2NO+2NC	-	-	LP1D80008**	20200
250	4NO	LC1D1150046*	23180	LC1D1150046**	25620

* Reference to be completed by adding coil voltage code

VOLTAGE	24	110	220	415
LC1D115 50/60Hz	-	F7	M7	N7
LC1DT20..LC1DT80* , LC1D09*..LC1D25* , LP1D40..LP1D80* , LC1D115*	BD	FD	MD	-

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

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*	2600
16.7 KVAR	1 NO + 1 NC	LC1DGK11*C	3650
20 KVAR	1 NO + 2 NC	LC1DLK*	4100
25 KVAR	1 NO + 1 NC	LC1DMK11*C	4500
33.3 KVAR	1 NO + 2 NC	LC1DPK*C	9800
40 KVAR	1 NO + 2 NC	LC1DTK*C	13500
60 KVAR	1 NO + 2 NC	LC1DWK*C	15200

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

* Reference to be completed by adding 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.

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	For use with	Reference	Unit LP [₹]
Power connection accessories			
Terminal block	For supply to one or more GV2 G busbar sets	GV1G09	1350
Set of 63 A busbars for paralleling of contactors	2 contactors LC1 D09...D18 or D25...D38	GV2G245	1010
	4 contactors LC1 D09...D18 or D25...D38	GV2G445	1600
Set of 115 A busbars for paralleling of contactors	2 contactors LC1 D40A...D80A	GV3G264	1820
	3 contactors LC1 D40A...D80A	GV3G364 (1)	970
Set of S-shape busbars	For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A	GV3S	730

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

Description	For use with	Reference	Unit LP [₹]
Mechanical interlock			
	LC1 D09 to D38 (1)	LAD9V2	480
	LC1 D40A to D65A (1)	LAD4CM	980
	LC1 D80 and D95 (for AC control voltage) (2)	LA9D4002	2140
	LC1 D80 and D95 (for DC control voltage) (2)	LA9D8002	3200
	LC1 D115 and D150 (2)	LA9D11502	3240

(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

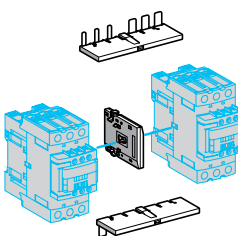
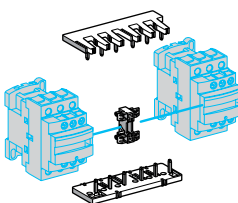
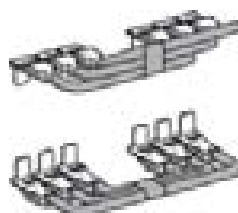
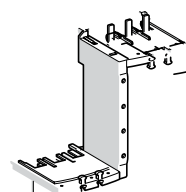
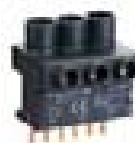
Description	For use with	Reference	Unit LP [₹]
Power Connection for Reversing			
Kit Comprising : 1. a set of parallel bars 2. a set of reverser bars.	LC1 D09 to D38	LAD9V5 + LAD9V6	400+500
	LC1 D40A to D80A	LA9D65A69	2080
	LC1 D80 and D95 (for AC control voltage)	LA9D8069	4460
	LC1 D80 and D95 (for DC control voltage)	LA9D8069	4460
	LC1 D115 and D150	LA9D11569	7420

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	1000
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	760
Kit Comprising : 1. a mechanical interlock LAD 4CM 2. a set of power connections LA9 D65A69.	LC1 D40A TO D80A	LAD9R3	2380

Description	For use with	Reference	Unit LP [₹]
Star Delta Kit			
Time delay contact block LAD S2 (LC1 D09...D80),	LC1 D09 and D12	LAD91217	3760
Power circuit connections (LC1 D09...D80),	LC1 D18 to D32	LAD93217	4840
Hardware required for fixing the contactors onto the mounting plate (LC1D80)	LC1 D40A AND D50A	LAD9SD3	9780
	LC1 D80	LA9D8017	10860



LA9D8017



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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Description	time Delay Range	timer Type	Reference	Unit LP [₹]
On delay timer ^{(1) (2)}	15...30 s	on delay	LA4DT2U	2800
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	2580

(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 [₹]
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*	3370
	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*	3520

* 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 [₹]
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

Coil Voltage Code

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

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	330
			2 NO	LADN20 	330
			2 NC	LADN02	390
			2 NO+2NC	LADN22 	580
			4 NC	LADN04	650
			4 NO	LADN40 	580
			1 NO+3NC	LADN13	580
			3 NO+1NC	LADN31 	580
	LC1D80..LC1D95 & LC1F	Front Mounted	1 NO	LADN10	210
			1 NC	LADN01	210

description		Contacts	Reference	Unit LP [₹]
Add On Blocks				
Additional instantaneous auxiliary contact blocks	Side Mounted ⁽¹⁾	1 NO+1NC	LAD8N11	940
		2 NO	LAD8N20	940
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1..3s	LADT0	2330
		1 NO+1NC 0.1..30s	LADT2	2330
		1 NO+1NC 10..180s	LADT4	2330
		1 NO+1NC 1..30s ⁽²⁾	LADS2 	2480
	OFF delay	1 NO+1NC 0.1 ..3s	LADR0	2330
		1 NO+1NC 0.1 ..30s	LADR2 	2330
		1 NO+1NC 10..180s	LADR4	2330
		Set of shims to be used with 4 pole contactors		LA9D511

(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	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
	4P	LC1 DT20...DT40	–		-	1	or 1	or 1
		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.

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Accessories for TeSys D

Description	For Use With	Reference	Unit LP [₹]
For Contactor D115/150			
arc chamber - 3P	LC1D115	LA5D11550	4190
arc chamber - 3P	LC1D150	LA5D15050	4190
contacts set - 3P	LC1D115	LA5D1158031	11050
contacts set - 3P	LC1D150	LA5D150803	11460
contacts set - 4P	LC1D1150046	LA5D115804	15240

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	860
LC1-D12...D25 (4P)		110...240 V AC	RC Circuit AC	LA4DA1U	860
LC1-D12 & D25 (4P)		12...250 V DC	Diode DC	LA4DC1U	860
LC1-D12...D25 (4P)		24...48 V AC/DC	Varistor AC/DC	LA4DE1E	860
-		110...250 V AC/DC	Varistor AC/DC	LA4DE1U	860
LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P)		24...48 V AC	Varistor AC/DC	LAD4VE	830
		24...48 V AC 400 Hz	RC Circuit AC	LAD4RCE	830
		50...127 V AC 200 Hz	RC Circuit AC	LAD4RCG	750
		110...240 V AC 100 Hz	RC Circuit AC	LAD4RCU 	830
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	860
LC1D80...D115, LC2D80...D115 (3P) LC1D80...D115, LC2D80...D115 (4P)		24...48 V AC	Varistor AC/DC	LA4DE2E	820
		110...250 V AC	Varistor AC/DC	LA4DE2U	820
		24...48 V AC 400 Hz	RC Circuit AC	LA4DA2E	820
		50...127 V AC 200 Hz	RC Circuit AC	LA4DA2G	1300
		110...240 V AC 100 Hz	RC Circuit AC	LA4DA2U	860
		380...415 V AC 150 Hz	RC Circuit AC	LA4DA2N	1300
		24...48 V DC	Varistor AC/DC	LA4DE3E	860
		110...250 V DC	Varistor AC/DC	LA4DE3U	820

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

 **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

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

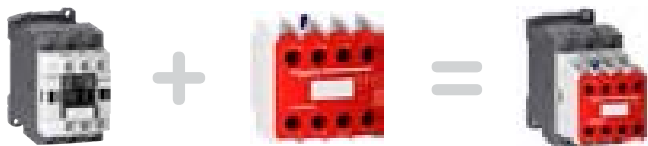
Simple, customisable modular marking system

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

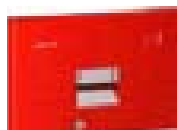
Retrofit contactor safety covers



LAD9ET1S
9A up to 65 A



LAD9ET3S
80A to 95A



LAD9ET4S
110A to 150A



LADN22S
2NO + 2NC

Also available for CAD32/CAD50

Auxiliary contact block

TeSys U range

Retrofit identification label



LU9ET1S

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	460
	LC1 D80 and D95	LAD9ET3S	
	LC1 D115 AND D150	LAD9ET4S	
Auxiliary Contact Block With red front face - for safety chain indication	2NO+2NC	LADN22S	660

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Overload relays for Motor Safety

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

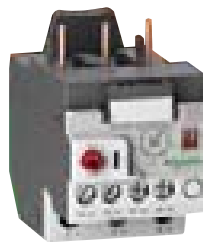


Thermal Overload Relays - D Model



- 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

Electronic Overload Relay - D Model



- Conformance to IEC, UL, CSA
- Range : 0.1A to 110A
- 5:1 Adjustment range
- High Operating Temperature
- Field selectable tripping class : 5,10, 20 & 30
- Type 1 & type 2 Coordination chart available

thermal Protection Adjustment Range	For Use With	Reference*	Unit MRP [₹]
LRD Model (Direct Mounting)			
0.1...0.16 A	GV2L03, LE03, LC1D09...LC1D38	LRD01	1580
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 ☒	
9...13 A		LRD16 ☒	1750
12...18 A		LRD21 ☒	1800
16...24 A	GV2L22, LC1D25...D38	LRD22 ☒	1800
23...32 A	LC1D25...LC1D38, LC1D32	LRD32 ☒	2950
30...38 A	LC1D32, LC1D38	LRD35	
23...32 A	LC1D40A...D65A	LRD332	3250
30...40 A	LC1D80...LC1D95	LRD3353	
30...40 A	LC1D40A...D65A	LRD340	
30...40 A	LC1D80...LC1D95	LRD3355	
37...50 A	LC1D40A...D65A	LRD350 ☒	4200
	LC1D80...LC1D95	LRD3357	4900
48...65 A	LC1D40A...D65A	LRD365	5300
62...80 A	LC1D80A	LRD380	5780
48...65 A	LC1D80...LC1D95	LRD3359	5300

thermal Protection Adjustment Range	For Use With	Reference*	Unit LP [₹]
LRD Model (Direct Mounting)			
63...80 A	LC1D80...LC1D95	LRD3363	5900
80...104 A	LC1D80, LC1D95	LRD3365	7500

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.

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1...0.5A	LC1D09 - 38A Direct Mounting	LR9D01	6970
0.4...2.0A		LR9D02	7290
1.6...8.0A		LR9D08	7290
6.4...32A	Separate Mounting	LR9D32	8360
22...110A		LR9D110S	12780

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

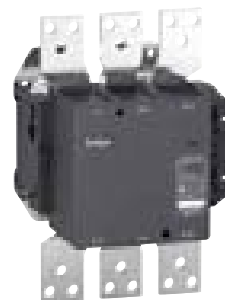
A perfect fit for power switching



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

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) kW	Motor Power (Long Life) hP	AC3 A	Motor Power (Normal Life) kW	Motor Power (Normal Life) hP	AC3 A	Reference	Unit LP [₹]
200	59	80	115	80	110	150	LC1F115	15650
250	80	110	150	100	135	185	LC1F150	21500
275	100	135	185	110	150	205	LC1F185	25400
315	110	150	225	140	190	265	LC1F225	28300
350	140	190	265	160	220	300	LC1F265	33500
400	180	245	330	220	300	400	LC1F330	41000
500	220	300	400	250	340	450	LC1F400	45000
700	280	380	500	375	500	630	LC1F500	64000
1000	375	500	630	450	610	800	LC1F630	110200
1000	450	610	800				LC1F800	172000
1250	630	840	1000				LC1F1000	on Request

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	26800
250 A	4 NO	LC1F1504	32590
275 A	4 NO	LC1F1854	40630
315 A	4 NO	LC1F2254	47950
350 A	4 NO	LC1F2654	53560
400 A	4 NO	LC1F3304	63660
500 A	2 NO	LC1F4002	45130
500 A	4 NO	LC1F4004	75090
700 A	2 NO	LC1F5002	66410
700 A	4 NO	LC1F5004	109640
1000 A	2 NO	LC1F6302	107830
1000 A	4 NO	LC1F6304	159350
1600 A	4 NO	LC1F7804	340060

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.

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Coils F Model

Product compatibility	AC Coil Reference	Unit LP [₹]	DC Coil Reference ⁽²⁾	Unit LP [₹]
LC1F115, LC1F150	LX9FF*	3250	LX4FF**	7250
LC1F185, LC1F225	LX9FG*	4500	LX4FG**	9650
LC1F265, LC1F330	LX1FH*	5600	LX4FH**	11750
LC1F400	LX1FJ*	11900	LX4FJ**	18600
LC1F500	LX1FK*	14200	LX4FK**	19200
LC1F630	LX1FL*	15700	LX4FL**	19900
LC1F780	LX1FX* (3)	37910	LX4FX** (3)	39820
LC1F800	(1)	-	LX4F8**	26900
LC1F1000, LC1F1700, LC1F2100	LX1FK*(3)	14200		
LC1F2600	LX1FL*(3)	15700		

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.

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*	97010
320 A	320 A	160	213	1 NO + 1 NC	LC1V320*	130270
630 A	610 A	300	400	1 NO + 1 NC	LC1V610*	233660

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.

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.

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. March 12, 2018

Accessories - D and F 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	330	
			2 NO	LADN20		
			2 NC	LADN02	390	
			2 NO+2NC	LADN22	580	
			4 NC	LADN04	650	
			4 NO	LADN40	580	
			1 NO+3NC	LADN13		
			3 NO+1NC	LADN31		
			LC1D80..LC1D95 & LC1F	1 NO	LADN10	210
				1 NC	LADN01	

description		Contacts	Reference	Unit LP [₹]
Additional instantaneous auxiliary contact blocks	Side Mounted ⁽¹⁾	1 NO+1NC	LAD8N11	940
		2 NO	LAD8N20	
Pneumatic timer blocks front mounted	ON delay	1 NO+1NC 0.1...3s	LADT0	2330
		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	2330
		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	3080
LC1F185, LC1F1854, LC1F225, LC1F2254	LA9FG970	3560
LC1F265, LC1F330, LC1F400, LC1F500, LC1F2654, LC1F3304, LC1F4004, LC1F5004	LA9FJ970	3990
LC1F630, LC1F6304, LC1F800	LA9FL970	4440

(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 ☒	16340
LC1F185, LC1F225	LA5FG431	23610
LC1F265	LA5FH431	31100
LC1F330, LC1F400	LA5F400803	37710
LC1F500	LA5F500803	48510
LC1F630	LA5F630803	77160
LC1F800	LA5F800803	96890

* For 3 Pole contactor (per pole: 2 fixed contacts and 1 moving contact, 2 defectors, 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	4150
suppressor bracket	For all LA4F	LA9D09981		430

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

☒ **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

Product compatibility	110V Reference	220/230V Reference	415/440V Reference	Unit LP [₹]
Hoisting Applications - AC Coils				
LC1F265, LC1F330	LX9FH1102	LX9FH2202	-	16220
LC1F400	LX9FJ925	LX9FJ931	LX9FJ937	20030
LC1F500	LX9FK925	LX9FK931	LX9FK937	On request
LC1F630	LX9FL924	LX9FL931	LX9FL936	24610

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	23980
LC1F500	LX9FK918	LX9FK926	LX9FK932	LX9FK938	25650
LC1F630	LX9FL918	LX9FL926	LX9FL931	LX9FL937	24610

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**

Contactor	110 V Reference	220 V Reference	440/460 V Reference	Unit LP [₹]
• To be used with hoisting application DC coil				
LC1F400	1 X DR2SC0047	1 X DR2SC1200	1 X DR2SC4700	3090
LC1F500	1 X DR2SC0039	1 X DR2SC1000	1 X DR2SC3300	3090
LC1F630	2 X DR2SC0047	2 X DR2SC0047	2 X DR2SC3900	3090

Electronic Relays



- 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 ☒	9800
132...220 A	LR9F5371	13010
200...330 A	LR9F7375	11540
300...500 A	LR9F7379	15020
380...630 A	LR9F7381	16020

Accessories

description	For Use With	Relay Type	Reference	Unit LP [₹]
mounting plate LA7F		LR9-F5369	LA7F901	2900
		LR9-F5371		
		LR9-F7375	LA7F902	3900
		LR9-F7379		
		LR9-F7381		
Connection Accessories				
LA7F busbar	LC1F115	LR9-F5369	LA7F401	1960
	LC1F225/265	LR9-F5371	LA7F403	2820
	LC1F225-400	LR9-F7375	LA7F404	3010
		LR9-F7379		
		LR9-F7381		
	LC1F500	LR9-F7381	LA7F405	3560
	LC1F630/800	LR9-F7381	LA7F406	3810

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

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W.E.F. March 12, 2018

Lineryg

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

Because Lineryg is:

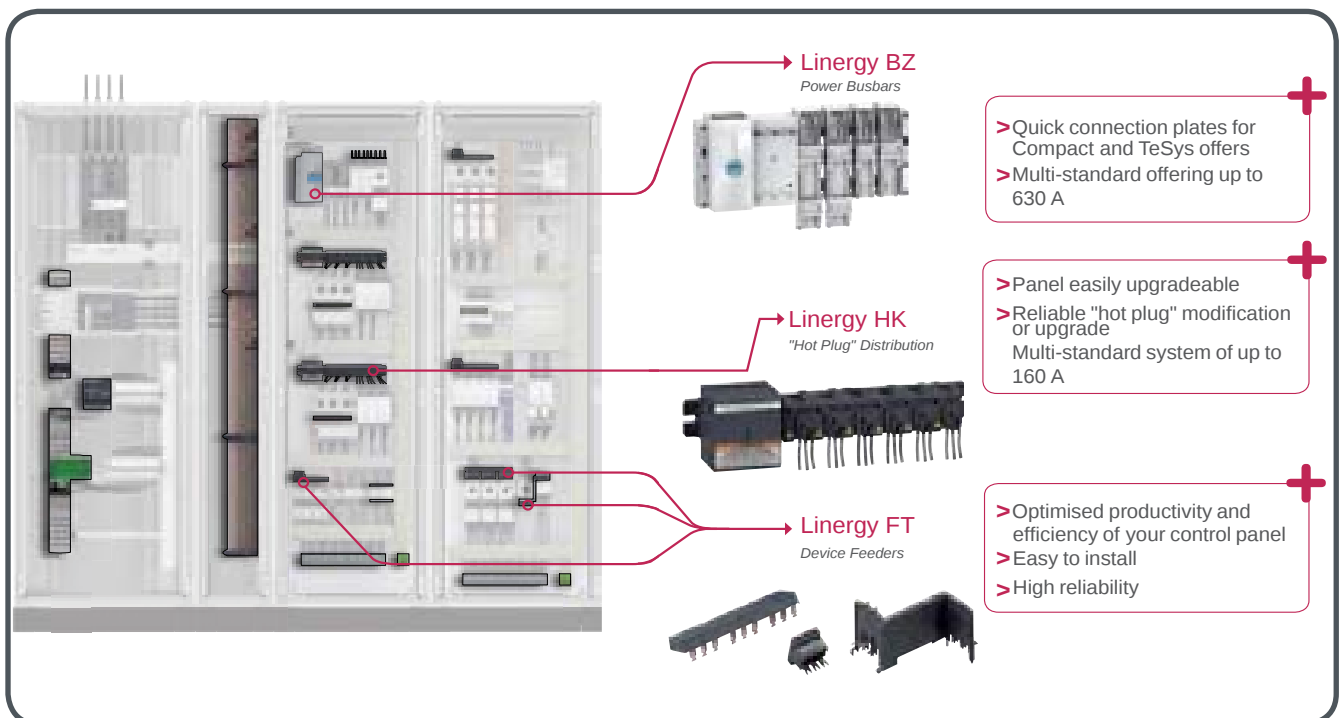
Flexible



Safer



Reliable



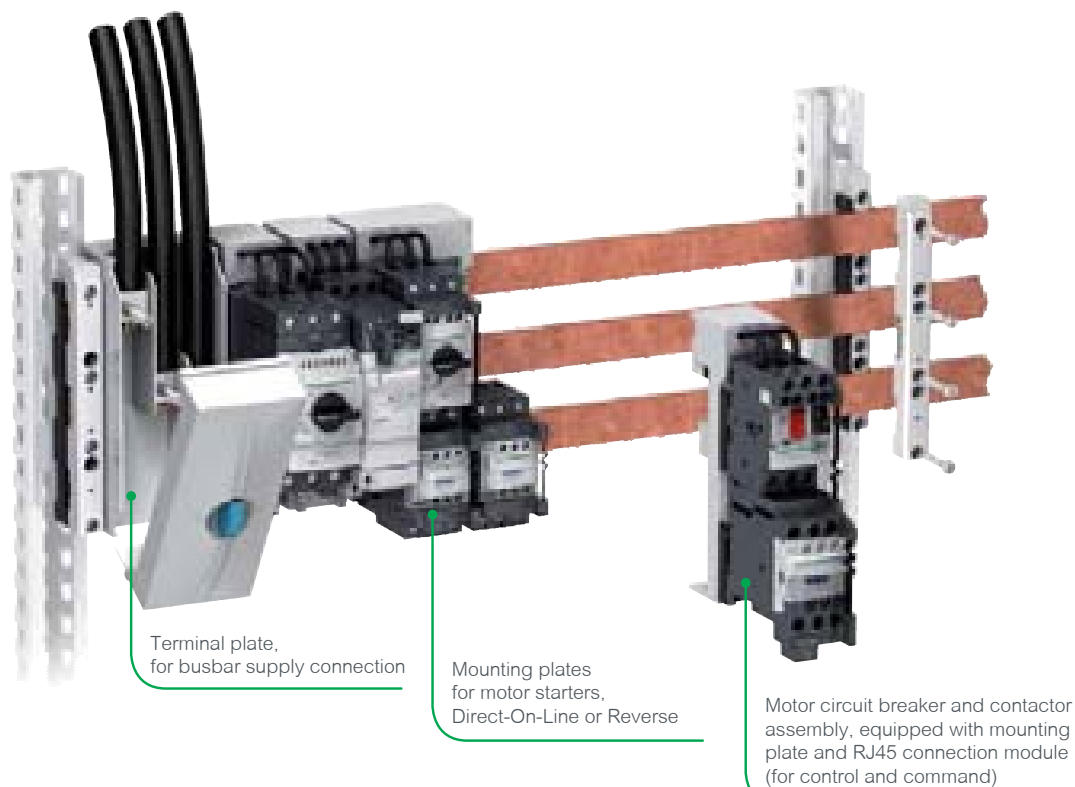
- > Quick Installation
- > Multi Standard Offer
- > Intuitive Solution

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

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, deconnection (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, compatability is provided with standard profiles:
 - v Height 12, 15, 20, 25 or 30 mm,
 - v Width 5 or 10 mm



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

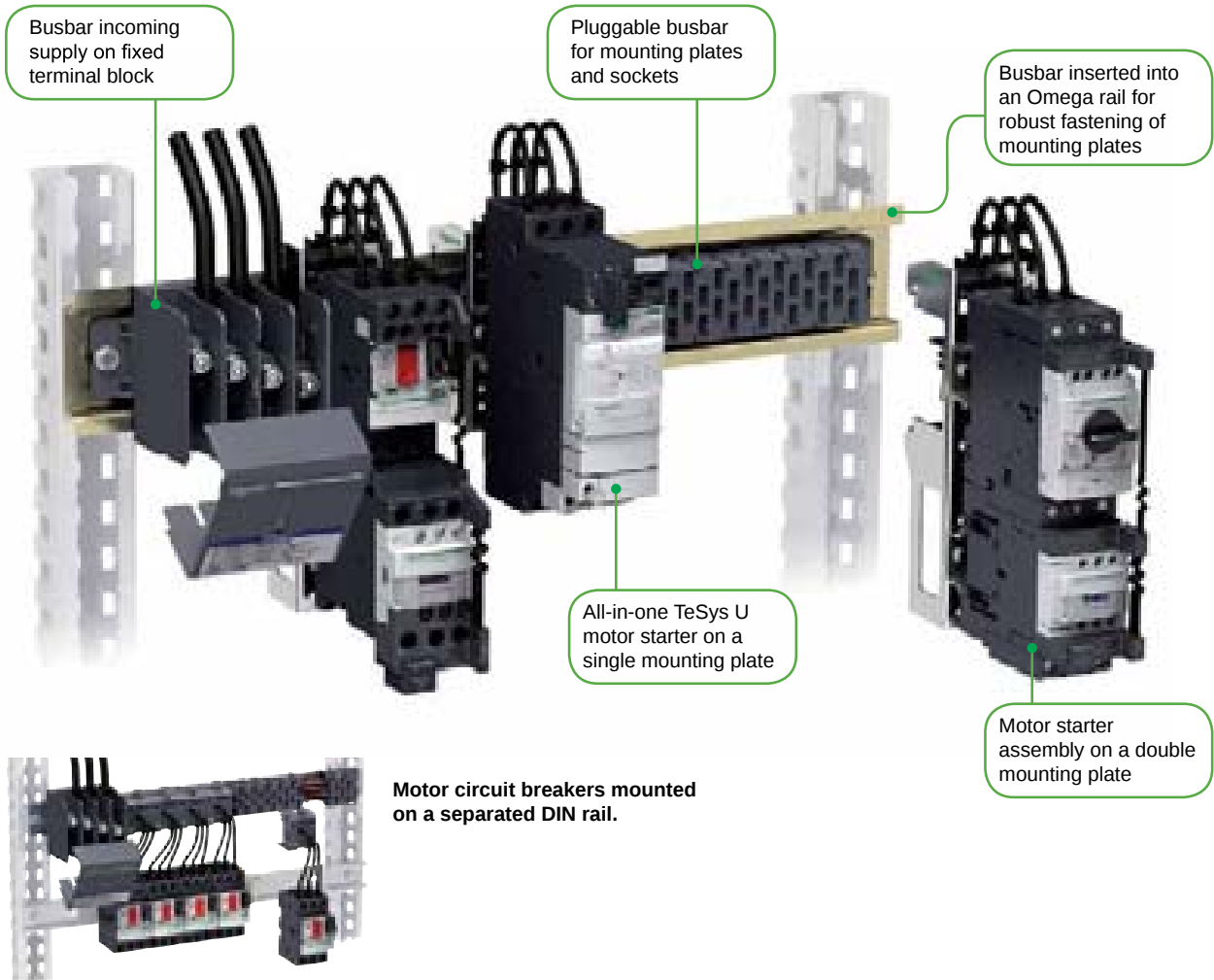
✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Lineryg HK

Lineryg 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.



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

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W.E.F. March 12, 2018

Motor Circuit Breakers



- 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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GV2-M Model Thermal Magnetic - With Push button Control (Economy)

100 kA	-	-	0.1 - 0.16	GV2ME01	3000
	0.06	-	0.16 - 0.25	GV2ME02	
	0.09	-	0.25 - 0.40	GV2ME03	
	0.18	-	0.40 - 0.63	GV2ME04	3500
	0.37	0.5	0.63 - 1.0	GV2ME05	
	0.55	0.75	1.0 - 1.6	GV2ME06	
	0.75	1	1.6 - 2.5	GV2ME07	3550
	1.1	2	2.5 - 4	GV2ME08	
	2.2	3	4 - 6.3	GV2ME10	
	3	5.5	6 - 10	GV2ME14	3650
15 kA ⁽¹⁾	5.5	7.5	9 - 14	GV2ME16	4200
	7.5	10	13 - 18	GV2ME20	4450
	9	12.5	17 - 23	GV2ME21	4800
	11	15	20 - 25	GV2ME22	4800
	15	20	24 - 32	GV2ME32	7750

Breaking Capacity at 415 V 50 Hz	Motor Power AC3** kW hP	Thermal Protection Adjustment Range	Reference	Unit LP [₹]
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GV2-P Model Thermal Magnetic - With Rotary Handle Control

100 kA	-	-	0.1 - 0.16	GV2P01	3500
	0.06	-	0.16 - 0.25	GV2P02	
	0.09	-	0.25 - 0.40	GV2P03	
	0.18	-	0.40 - 0.63	GV2P04	3950
	0.37	0.5	0.63 - 1.0	GV2P05	
	0.55	0.75	1.0 - 1.6	GV2P06	
	0.75	1.0	1.6 - 2.5	GV2P07	4100
	1.1	2	2.5 - 4	GV2P08	
	2.2	3	4 - 6.3	GV2P10	
	3	5.5	6 - 10	GV2P14	4400
50 kA ⁽²⁾	5.5	7.5	9 - 14	GV2P16	5200
	7.5	10	13 - 18	GV2P20	6150
	9	12.5	17 - 23	GV2P21	
	11	15	20 - 25	GV2P22	
	15	20	24 - 32	GV2P32	10400

GV3-P Range Thermal Magnetic - With Rotary Handle Control

50 kA	18.5	30...40 A	GV3P40	12200
	22	37...50 A	GV3P50	14900
	30	48...65 A	GV3P65	15600
	37	62...73 A	GV3P73	16050
	37	70...80 A	GV3P80	16050

** 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.

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

✓ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

Motor Circuit Breakers



- 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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GV2-LE Model Magnetic - With Rocker Lever Control (Economy) *

100 kA	0.09	-	0.4	GV2LE03	3250
	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	
	5.5	7.5	14	GV2LE16	
	7.5	10	18	GV2LE20	
15 kA	11	15	25	GV2LE22	3730
10 kA	15	20	32	GV2LE32	

GV2-L Model Magnetic - With Rotary Handle Control *

100 kA	0.09	-	0.4	GV2L03	3850
	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	
	5.5	7.5	14	GV2L16	
	7.5	10	18	GV2L20	
50 kA	11	15	25	GV2L22	15000
50 kA	18.5	40	GV3L40	10150	
	22	50	GV3L50	10370	
	30	65	GV3L65	10720	
	37	73	GV3L73	15000	
	37	80	GV3L80	15000	

* 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

Breaking Capacity at 415 V 50 Hz*	Motor Power AC3** kW	Thermal Protection adjustment Range	Reference	Unit LP [₹]
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GV7-R Range Thermal Magnetic (220A, AC3)

35 kA	75	90 - 150	GV7RE150	30970
	110	132 - 220	GV7RE220	38070
70 kA	75	90 - 150	GV7RS150	35090
	110	132 - 220	GV7RS220	43020

* Conforming to IEC 60947-2 for Type 2 coordination

** 50/60Hz - 415 V.

Refer the new GV4* range of magnetic and thermal magnetic MPCBs on page 41 for motor ratings upto 55kW.

Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
For GV2		
Front contact NO or NC ⁽¹⁾	GVAE1	680
Front contact NO + NC	GVAE11 ☒	830
	GVAE20	910
Side contact NO + NC	GVAN11 ☒	1000
	GVAN20	1000
Fault signalling contact +1 NO contact ⁽²⁾	GVAE11010 ☒	1300
Fault signalling contact +1 NC contact ⁽²⁾	GVAD1001	1300
Short circuit signalling contact block 1 C/O	GVAM11	1240
Undervoltage trip :	110 ... 115V 50Hz GVAU115	2300
	220 ... 240V 50Hz GVAU225	2380
	380 ... 400V 50Hz GVAU385	2380
Shunt trip :	110 ... 115V 50Hz GVAS115	2380
	220 ... 240V 50Hz GVAS225	2380
	380 ... 400V 50Hz GVAS385	2380
Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P.	GV1L3	3840
connection block - GV2 with contactor LC1-D09..D38	GV2AF3	470
connection block - LS1 D32 or GV2 with contactor LC1-K or LP1-K	GV2AF01	500
empty enclosure for GV2ME - plastic	GV2MP02	1720
	GV2MC02	1890

(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	1010
	4	GV2G445	1600
54 mm	2	GV2G254	1190
	3	GV2G354	1340
	4	GV2G454	1680
	5	GV2G554	1820
72 mm	2	GV2G272	1430
	4	GV2G472	2050

Description	Reference	Unit LP [₹]
Accessories for Busbars		
terminal block - to supply one or more 3-pole busbar GV2	GV2G05	2570
Protective end covers for unused busbar outlets	GV1G10	450
terminal block for connection from top	GV1G09	1350

Accessories for Motor Circuit Breakers

Description	Reference	Unit LP [₹]
For GV2-P/GV2-L		
external operator - IP54, Black	GV2APN01 ☒	2390
external operator - IP54, Yellow/Red	GV2APN02	4400
visible isolation block - for motor circuit breaker GV2	GV2AK00	2000
For GV3P/GV3L		
auxiliary Contacts		
Front contact: 1 NO (fault) + 1 NC (Auxiliary)	GVAED011	860
Front contact: 1 NO (fault) + 1 NO (Auxiliary)	GVAED101	950
Busbar		
3-pole, 3 tap, 64 mm pitch	GV3G364	970
S-shape bus bar	GV3S	730
External Operator		
IP54, Black	GV3APN01	2850
IP54, Yellow/Red	GV3APN02	2740

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	1570
auxiliary contact - 1 OC	-	GV7AE11 ☒	1540
clip-on connector - upto 150 A - 1.5..95 mm ²	-	GV7AC021	630
clip-on connector- upto 220 A - 1.5..185 mm ²	-	GV7AC022	600
fault discrimination device	24...72V DC/ 24...48V AC	GV7AD111	4530
	110 ... 240V AC/ DC	GV7AD112	4530
front rotary handle GV7AP	-	GV7AP03	2660
GV7R - black handle ⁽²⁾	-	GV7AP01	4630
padlocking device - 1..3 padlocks Ø 5.8mm shank ⁽³⁾	-	GV7V01	730
phase barriers	-	GV7AC04	810
terminal shields IP405 ⁽¹⁾	-	GV7AC01	1640

For GV7			
Shunt release	110...130 V AC 50/60 Hz	GV7AS107	3520
	200...240 V AC 50/60 Hz	GV7AS207	3520
	380...440 V AC 50/60 Hz	GV7AS387	3390
Under Voltage release	110...130 V AC 50/60 Hz	GV7AU107	3630
	200...240 V AC 50/60 Hz	GV7AU207	3630
	380...440 V AC 50/60 Hz	GV7AU387	3630
3-pole spreader - for motor circuit breaker GV7 45 mm pitch		GV7AC03	1050

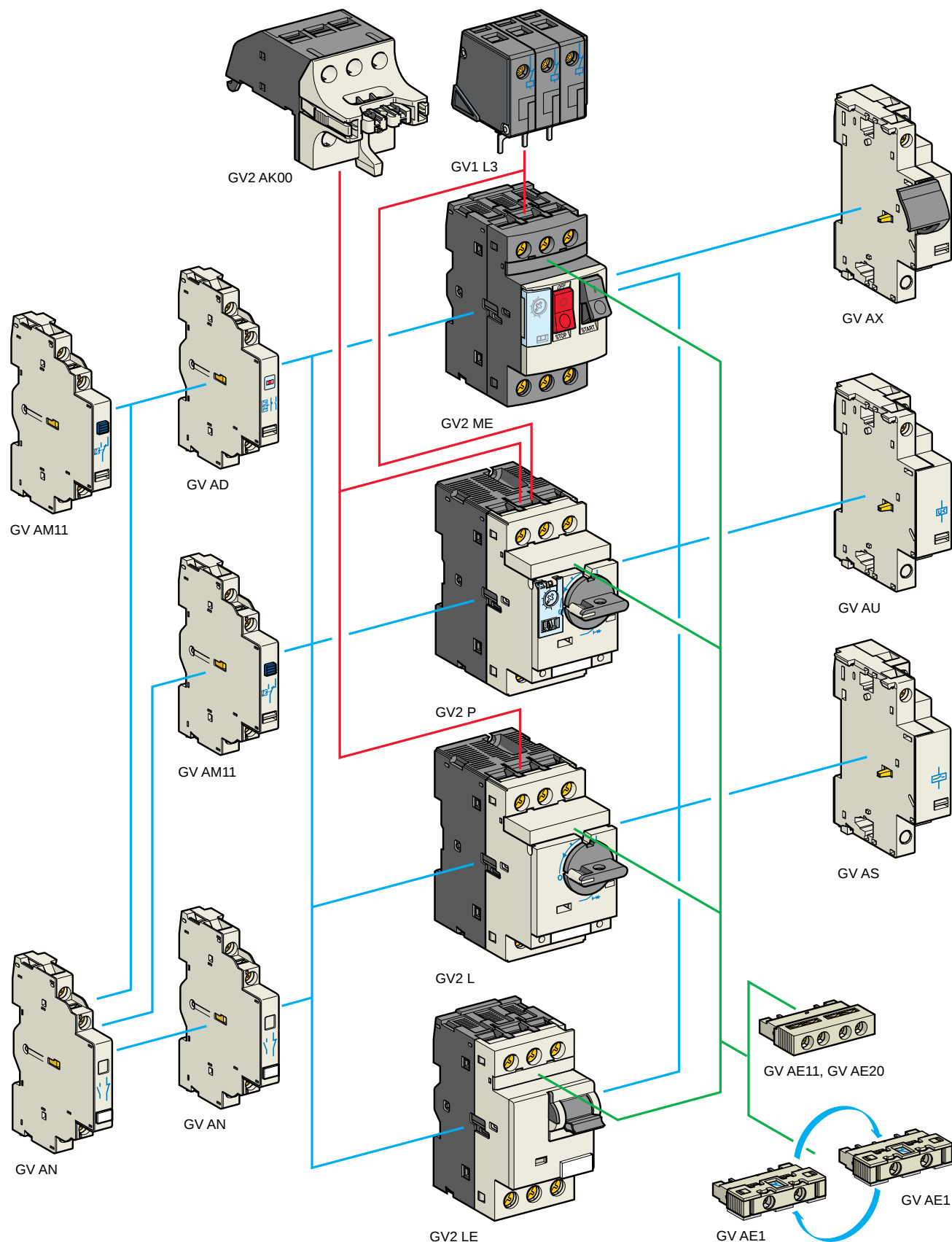
(1) Terminal shields cannot be used together with spreaders.

(2) For mounting direct rotary handle on enclosure door. This accessory makes it possible to open the door if the device is closed and prevents the device from being closed if the door is open.

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

TeSys

Accessories compatibility



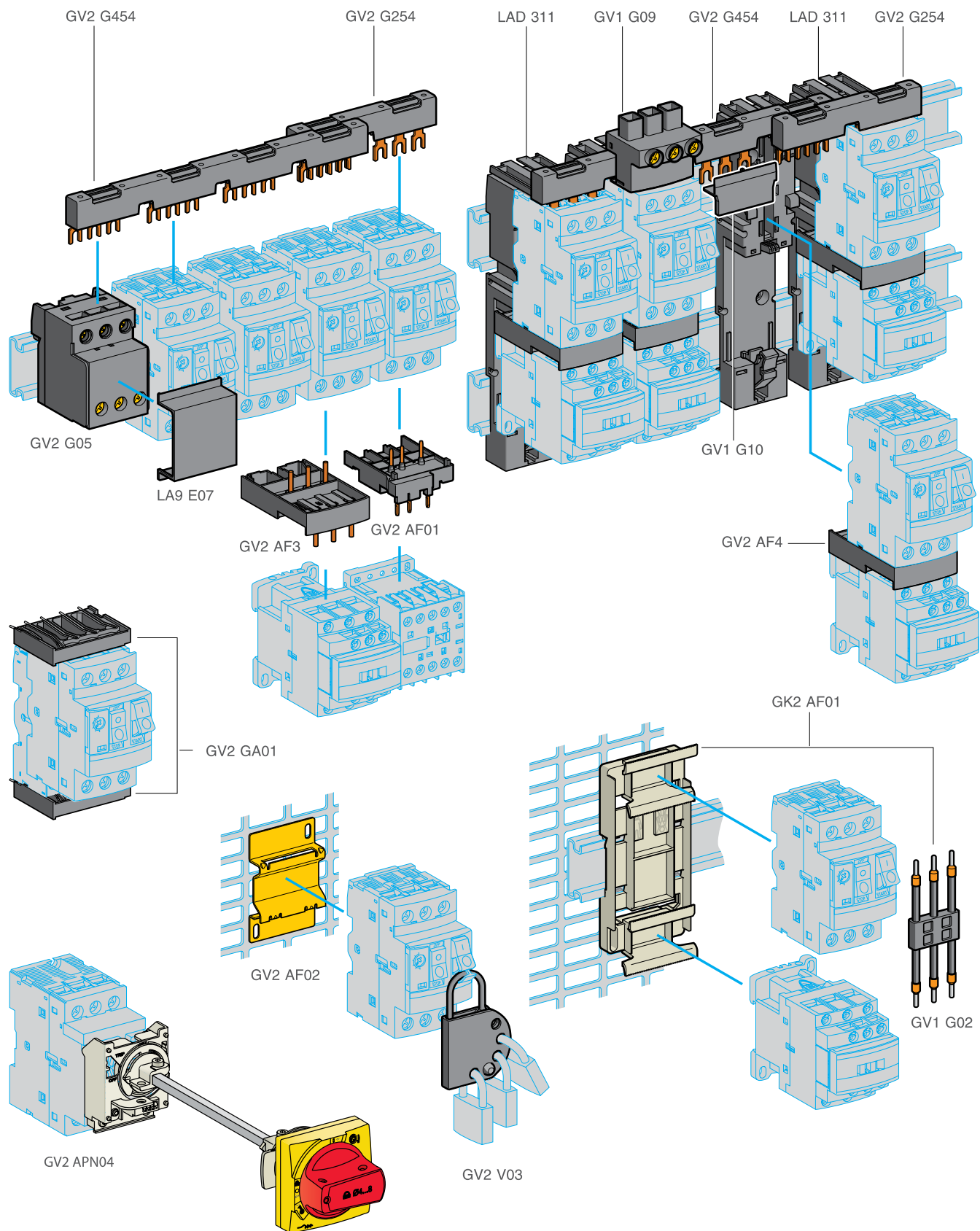
Please contact Customer Care Center for Stockable and Non stockable status of references.

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W.E.F. March 12, 2018

TeSys

Accessories compatibility



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

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Introducing New TeSys GV4

Motor circuit breakers



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

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
- 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	on request
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	
11..22	15..30	50	300..700	GV4L50B		GV4L50N	
18.5..37	25..50	80	480..1120	GV4L80B	13500	GV4L80N	15800
30..55	40..75	115	690..1610	GV4L115B	13500	GV4L115N	15800

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
- Phase unbalance or phase loss
- Front indications through LED

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	on request	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		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		GV4PE50S	
18.5..37	25..50	80	40..80	GV4PE80B	16380	GV4PE80N	18500	GV4PE80S	22150
30..55	40..75	115	65..115	GV4PE115B	16380	GV4PE115N	18500	GV4PE115S	22150

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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	770

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MX Shunt Trip

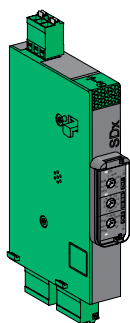
- Trips the circuit breaker when the control voltage rises above 70% of rated voltage
- Shunt trip 110..130V AC is suitable.. etc for ground fault protection when combined with a Class I ground fault sensing element

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	2020
			48 VAC 50/60 HZ, 48 VDC	GV4AS057	2020
			110-130 VAC 50/60 HZ, 125 VDC	GV4AS137	2020
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ, 277 VAC 60 HZ	GV4AS287	2020
			380-415 VAC 50 HZ, 440-480 VAC 60 HZ	GV4AS487	2020
Mn Undervoltage Release	1	Internal, Plug-In	24 VAC 50/60 HZ, 24 VDC	GV4AU027	2640
			48 VAC 50/60 HZ, 48 VDC	GV4AU057	2640
			110-130 VAC 50/60 HZ, 125VDC	GV4AU137	2640
			220-240 VAC 50 HZ, 208-240 VAC 60 HZ	GV4AU247	2640
			277 VAC 60 HZ	GV4AU286	2640
			380-415 VAC 50 HZ	GV4AU415	2640
			440-480 VAC 60 HZ	GV4AU486	2640

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

- SDT95% 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	1060
	Red Handle on Yellow Bezel	IP40	GV4ADN02	1060
Front Extended Rotary Handle (Min Shaft Length 214Mm/Max Shaft Length 627Mm)	Black	IP54	GV4APN01	1570
	Red Handle on Yellow Bezel	IP54	GV4APN02	1570
	Red Handle on Yellow Bezel	IP65	GV4APN04	1650
Side Rotary Handle (Left or Right)	Black	IP54	LV426935	2690
	Red Handle on Yellow Bezel	IP54	LV426936	2690

Connection Accessories

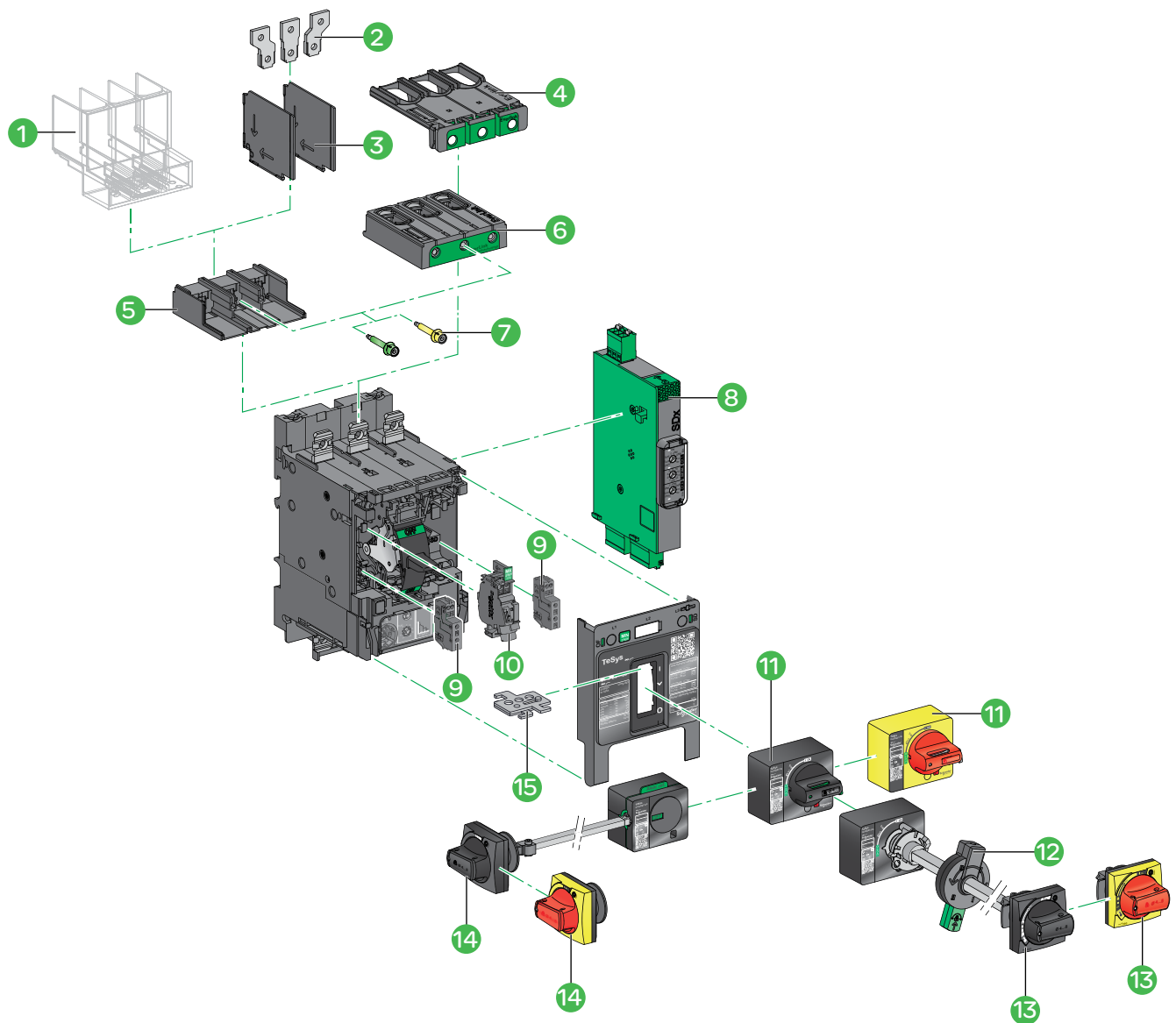
Description	Reference	LP
Spreader 3-pole (To increase pitch to 35mm) (1 pce)	LV426940	580

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

TeSys GV4 Overview



- ① Long terminal shield LAD96590
- ② Terminal spreaders LV426940
- ③ Interphases barriers LV426920
- ④ Large spacing cover for EverLink connector GV4G66
- ⑤ Crimp lug connector GV4LUG
- ⑥ EverLink® connector LAD96595
- ⑦ Torque limiting breakaway bits LV42699p
- ⑧ SDx alarming/fault differentiation module GV4ADM1111 (only with GV4PEM)
- ⑨ Auxiliary contact block for OF or SD function GV4AE11
- ⑩ - MN undervoltage release GV4AUpp
- MX shunt trip GV4ASpp
- ⑪ Direct mounting black or red on yellow bezel rotary handle GV4ADN01/ GV4ADN02
- ⑫ Open door shaft operator (for front extended rotary handle) LV426937
- ⑬ Front extended rotary handle kit with red handle on yellow bezel or black handle GV4APN01/ GV4APN02 /GV4APN04
- ⑭ Side rotary handle kit with red handle on yellow bezel or black handle LV426935/LV426936.
- ⑮ Toggle locking device 29370

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

TeSys Switches

Vario Switch Disconnectors

[lth] 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	2340
16 A	3P	5.5 KW	VCF01GE	2550
20 A	3P	7.5 KW	VCF0GE	3100
25 A	3P	11 KW	VCF1GE	3330
32 A	3P	15 KW	VCF2GE	3900
50 A	3P	22 KW	VCF3GE	6030
63 A	3P	30 KW	VCF4GE	7060

* Rated Power at 415 V

** lth 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	510
63 - 80 A	4 Screw Fixing	IP65	KCF2PZ	540
125 - 175 A	4 Screw Fixing	IP40	KCF3PZ	2220

Vario Switch Disconnectors

[lth] Conventional Thermal Current	Poles Description	Reference	Unit LP [₹]
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Complete Switch with Padlockable Operator

• Suitable for Front Mounting or Base Mounting

12A	3P	VCF02	1470
20 A	3P	VCF01	1600
25 A	3P	VCF0	1870
32 A	3P	VCF1	1960
40 A	3P	VCF2	2430
63 A	3P	VCF3	3810
80 A	3P	VCF4	4120
125 A	3P	VCF5	9440
175 A	3P	VCF6	11440

Switch Bodies

12A	V02	960
20 A	V01	1110
25 A	V0	1320
32 A	V1	1600
40 A	V2	1960
63 A	V3	2730
80 A	V4	3590
125 A	V5	7280
175 A	V6	9290

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	680
	V01/VCF01	20 A	1P	-	-	VZ01	700
	V0/VCF0	25 A	1P	-	-	VZ0	740
	V1/VCF1	32 A	1P	-	-	VZ1	730
	V2/VCF2	40 A	1P	-	-	VZ2	780
	V3/VCF3	63 A	1P	-	-	VZ3	1010
	V4/VCF4	80 A	1P	-	-	VZ4	1010
Neutral Pole Module ⁽²⁾	V02 / VCF02 to V2 / VCF2	-	1N	-	-	VZ11	830
	V3 / VCF3 to V4 / VCF4	-	1N	-	-	VZ12	1120
	V5 / VCF5 to V6 / VCF6	-	1N	-	-	VZ13	2310
Earthing Module	V02 / VCF02 to V2 / VCF20	-	-	-	-	VZ14	820
	V3 / VCF3 to V4 / VCF4	-	-	1	-	VZ15	970
	V5 / VCF5 to V6 / VCF6	-	-	1	-	VZ16	1510
Auxiliary Contact	V02/ VCF02 to V6 / VCF6	-	-	-	1 NO + 1 NC	VZ7	860
Block Module	V2/ VCF02 to V6 / VCF6	-	-	-	2 NO	VZ20	860

(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 VZ30	820 970
shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6	V3, V4, V5, V6	VZ18 VZ31	970 1110
Door interlock plate	VZ17 / VZ30	KZ32	210
	VZ18/31	KZ74	370

Input Terminal Protection Shrouds

Terminal Shrouds	V02 - V2	VZ8	270
		VZ26	240
	V3 - V4	VZ9	290
		VZ27	240
	V5 - V6	VZ10	370
		VZ28	410
	V02 - V6	VZ29	270

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

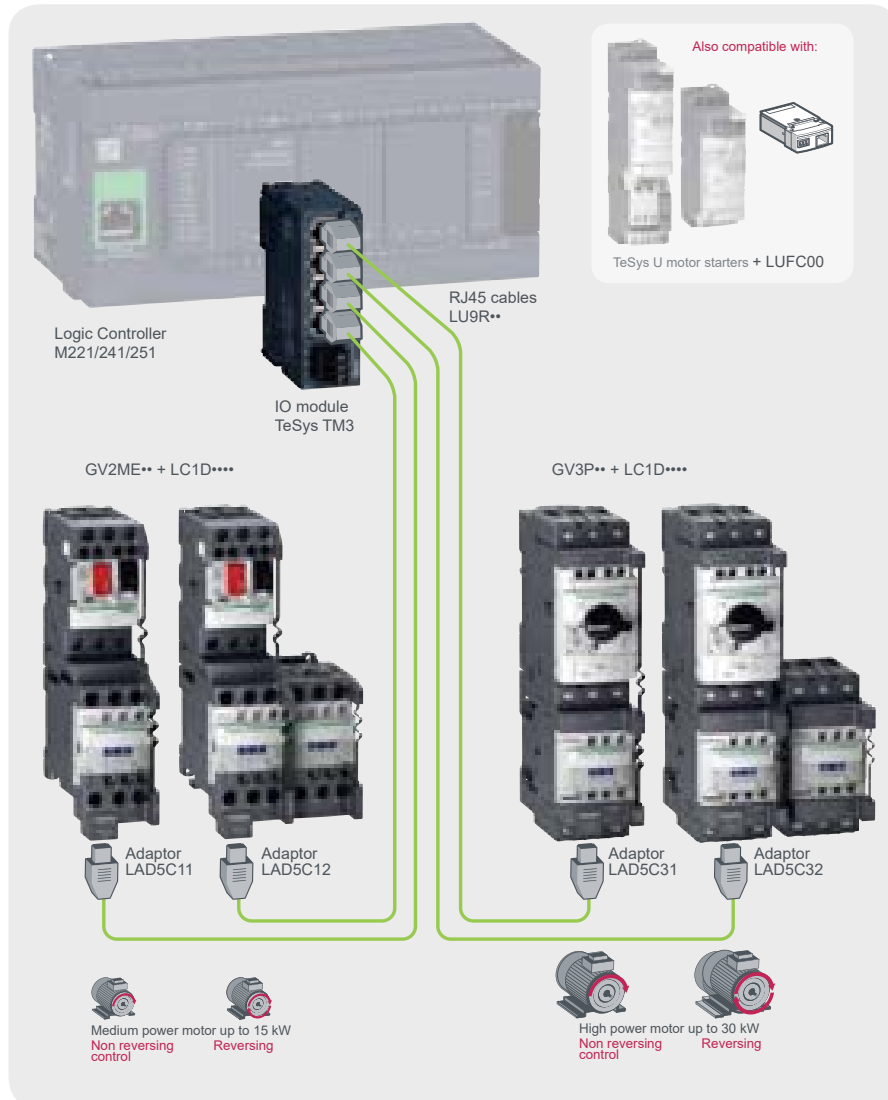
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W.E.F. March 12, 2018



Let TeSys SoLink be your drive!

Integration system for motor starters
up to 30 kW/400 V in automation environment




20 times
faster for control
circuit wiring
Simple and fast wiring


100%
upgradable
Plug & Play solutions


0%
Chance of
connection errors
Intuitive connection


100%
availability during
machine life cycles
Software & Hardware
integrated

TM3 provides the 24 V DC control voltage to the motor starter coil.



Direct or Reversing		
TeSys D	Upto 15kW	From 18.5kW to 30kW
1 Motor Circuit Breaker	GV2ME** OR GV2P**	GV3P**
2 Contactor 24V DC	LC1D**B* or LC2D**B*	LC1D**BD or LC2D**BD
3 Combination Block	GV2AF3	-
4 Auxiliary Contact	GVAE20	GVAE20
5 Connection Module	LAD5C11(DOL), LAD5C12(RDOL)	LAD5C31(DOL), LAD5C32(RDOL)
Connection Cable		
6 Connection Cable**	LU9R**	
IO Module		
7 IO Module	TM3XTYS4	

Note:

- ** Choose your correct length.
- Similar configurations available for TeSys U also.

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

 **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

Compact™ NSXm MCCB, a new member of the Compact™ NSX family

Efficiency that clicks!



Reliability



Productivity



Flexibility

Compact™ NSXm MCCB



1

Option of 100% secure **EverLink™** connections

2

Faster mounting with **built-in DIN rail**

3

Space saving through **compact size**



4

Enhanced discrimination

5

Best-in-class electrical life

6

Option of **side rotary handle**

1 Frame size from 16 to 160A, TMD type

2 Versions - MCCB & Switch disconnectors

5 breaking capacities - 16kA to 70kA, Ics = 100% Icu for entire range

Continues the legacy of Compact™ NSX - Encapsulated Double Break Roto Active Mechanism with Reflex Tripping, cascading

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

☒ **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

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



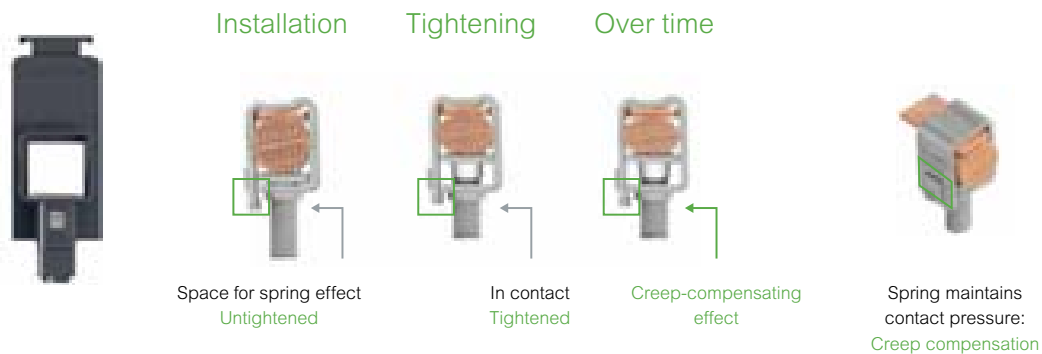
EverLink™ patented technology

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.



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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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	6570	LV426160	9390
	25A	LV426151	6570	LV426161	9390
	32A	LV426152	6570	LV426162	9390
	40A	LV426153	6570	LV426163	9390
	50A	LV426154	6570	LV426164	9390
	63A	LV426155	6570	LV426165	9390
	80A	LV426156	6570	LV426166	9390
	100A	LV426157	6570	LV426167	9390
	125A	LV426158	11920	LV426168	14670
25kA	160A	LV426159	13010	LV426169	16060
	16A	LV426250	7140	LV426260	10310
	25A	LV426251	7140	LV426261	10310
	32A	LV426252	7140	LV426262	10310
	40A	LV426253	7140	LV426263	10310
	50A	LV426254	7140	LV426264	10310
	63A	LV426255	7140	LV426265	10310
	80A	LV426256	7230	LV426266	10310
	100A	LV426257	7230	LV426267	10310
36kA	125A	LV426258	13080	LV426268	16040
	160A	LV426259	14440	LV426269	17990
	16A	LV426350	9090	LV426360	11640
	25A	LV426351	9090	LV426361	11640
	32A	LV426352	9090	LV426362	11640
	40A	LV426353	9090	LV426363	11640
	50A	LV426354	9090	LV426364	11640
	63A	LV426355	9090	LV426365	11640
	80A	LV426356	9090	LV426366	11640
50kA	100A	LV426357	9090	LV426367	11640
	125A	LV426358	13690	LV426368	17420
	160A	LV426359	15140	LV426369	19290
	16A	LV426450	11770	LV426460	14430
	25A	LV426451	11770	LV426461	14430
	32A	LV426452	11770	LV426462	14430
	40A	LV426453	11770	LV426463	14430
	50A	LV426454	11770	LV426464	14430
	63A	LV426455	11770	LV426465	14430
70kA	80A	LV426456	11770	LV426466	14900
	100A	LV426457	11770	LV426467	14900
	125A	LV426458	16000	LV426468	18990
	160A	LV426459	17190	LV426469	20580
	16A	LV426550	13820	LV426560	17310
	25A	LV426551	13820	LV426561	17310
	32A	LV426552	13820	LV426562	17310
	40A	LV426553	13820	LV426563	17310
	50A	LV426554	13820	LV426564	17310
	63A	LV426555	13820	LV426565	17310
	80A	LV426556	13820	LV426566	17310
	100A	LV426557	13820	LV426567	17310
	125A	LV426558	25750	LV426568	27510
	160A	LV426559	26000	LV426569	27780

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

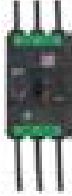
☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

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



EVERLINK



- $I_{cs} = 100\% I_{cu}$ 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 Patented EverLink™ 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	LV426100	6570	LV426110	9390
	25A	LV426101	6570	LV426111	9390
	32A	LV426102	6570	LV426112	9390
	40A	LV426103	6570	LV426113	9390
	50A	LV426104	6570	LV426114	9390
	63A	LV426105	6570	LV426115	9390
	80A	LV426106	6570	LV426116	9390
	100A	LV426107	6570	LV426117	9390
	125A	LV426108	11920	LV426118	14670
25kA	160A	LV426109	13010	LV426119	16060
	16A	LV426200	7140	LV426210	10310
	25A	LV426201	7140	LV426211	10310
	32A	LV426202	7140	LV426212	10310
	40A	LV426203	7140	LV426213	10310
	50A	LV426204	7140	LV426214	10310
	63A	LV426205	7140	LV426215	10310
	80A	LV426206	7230	LV426216	10310
	100A	LV426207	7230	LV426217	10310
36kA	125A	LV426208	13080	LV426218	16040
	160A	LV426209	14440	LV426219	17990
	16A	LV426300	9090	LV426310	11640
	25A	LV426301	9090	LV426311	11640
	32A	LV426302	9090	LV426312	11640
	40A	LV426303	9090	LV426313	11640
	50A	LV426304	9090	LV426314	11640
	63A	LV426305	9090	LV426315	11640
	80A	LV426306	9090	LV426316	11640
50kA	100A	LV426307	9090	LV426317	11640
	125A	LV426308	13690	LV426318	17420
	160A	LV426309	15140	LV426319	19290
	16A	LV426400	11770	LV426410	14430
	25A	LV426401	11770	LV426411	14430
	32A	LV426402	11770	LV426412	14430
	40A	LV426403	11770	LV426413	14430
	50A	LV426404	11770	LV426414	14430
	63A	LV426405	11770	LV426415	14430
70kA	80A	LV426406	11770	LV426416	14900
	100A	LV426407	11770	LV426417	14900
	125A	LV426408	16000	LV426418	18990
	160A	LV426409	17190	LV426419	20580
	16A	LV426500	13820	LV426510	17310
	25A	LV426501	13820	LV426511	17310
	32A	LV426502	13820	LV426512	17310
	40A	LV426503	13820	LV426513	17310
	50A	LV426504	13820	LV426514	17310
	63A	LV426505	13820	LV426515	17310
	80A	LV426506	13820	LV426516	17310
	100A	LV426507	13820	LV426517	17310
	125A	LV426508	25750	LV426518	27510
	160A	LV426509	26000	LV426519	27780

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

☒ NORMAL STOCK ITEMS

W.E.F. March 12, 2018

- 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

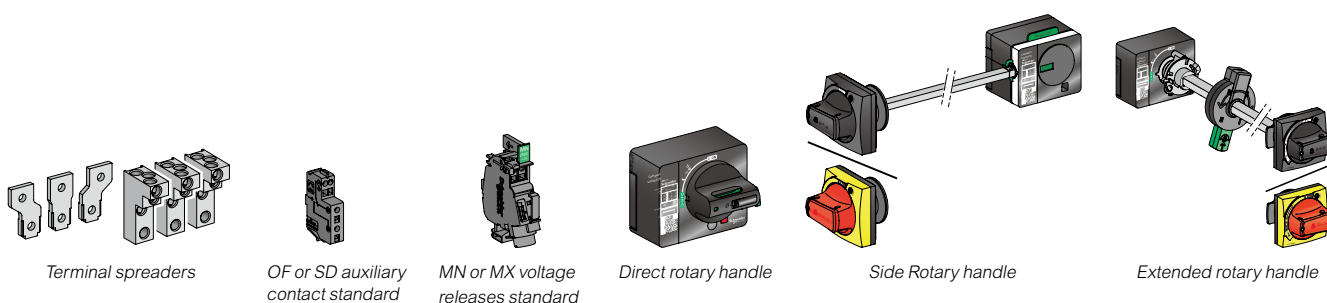
Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426650	7970	LV426660	11780
100A	LV426651	7970	LV426661	11780
160A	LV426652	16310	LV426662	21750

Compact NSXm NA switch-disconnector

With EverLink™ connectors

Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
50A	LV426600	8170	LV426610	12070
100A	LV426601	8170	LV426611	12070
160A	LV426602	16710	LV426612	22280

Accessories for Compact NSXm 16A to 160A



NSXm Accessories

Auxiliary contacts (changeover)

Description	Reference	Unit LP [₹]
Standard OF or SD	LV426950	770

Rotary Handles

Description	Reference	Unit LP [₹]
Direct rotary handle		
Standard black handle	LV426930	1060
Extended rotary handle		
Standard extended rotary black handle	LV426932	1570
Side rotary handle		
Standard side rotary black handle	LV426935	2690

Rotary Handles

Description	Reference	Unit LP [₹]
Spreaders & Phase Barriers		
Spreaders (Set of 3) 3P	LV426940	580
Spreaders (Set of 4) 4P	LV426941	590

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Under Voltage Reference	Unit LP [₹]
AC				
24 V 50/60 Hz	LV426841	1890	LV426801	2460
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	1890	LV426801	2460
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. March 12, 2018

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	1500
	20	NKS100R020AC3P	1500
	25	NKS100R025AC3P	1500
	32	NKS100R032AC3P	1500
	40	NKS100R040AC3P	1500
	50	NKS100R050AC3P	1500
	63	NKS100R063AC3P	1500
	75	NKS100R075AC3P	1500
	100	NKS100R100AC3P	1500

*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	4160	EZC100H4015	5770
	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 ☒	6250	LV510310	8640
	25A	LV510301 ☒	6250	LV510311 ☒	8640
	32A	LV510302 ☒	6250	LV510312 ☒	8640
	40A	LV510303 ☒	6250	LV510313 ☒	8640
	50A	LV510304 ☒	6250	LV510314	8640
	63A	LV510305 ☒	6250	LV510315 ☒	8640
	80A	LV510306 ☒	6250	LV510316 ☒	8640
	100A	LV510307 ☒	6250	LV510317 ☒	8640
	125A	LV516302 ☒	9030	LV516312 ☒	10940
	160A	LV516303 ☒	11780	LV516313 ☒	13980
	200A	LV525302 ☒	15750	LV525312	19360
Breaking Capacity as per IEC 60947-2	Rated Current	Three Pole Reference	Unit LP [₹]	Four Pole Reference	Unit LP [₹]
25kA	250A	LV525303 ☒	18200	LV525313	22120

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. March 12, 2018

EasyPact NKS/EZC

Description	EZC100 Reference	Unit LP [₹]
Auxiliary Contacts (changeover) Multifunction		
Auxiliary Switch 1 C/O	EZAUX10 ☒	740
Alarm - Switch 1 C/O	EZAUX01	740
Alarm - Auxiliary Switch	EZAUX11 ☒	1105
Spreaders		
Spreaders *(Set Of 3) 3P	EZASPDR3P ☒	300
Spreaders *(Set Of 4) 4P	EZASPDR4P ☒	400
Phase Barriers		
	EZAFASB2	185
Rotary Handle		
Direct Rotary handle	EZAROTDS ☒	1055
Shunt Release		
AC		
200-240V	EZASHT200AC ☒	1580
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 ☒	820

Voltage Releases

Description	Shunt Release Reference	Unit LP [₹]	Undervoltage Reference	Unit LP [₹]
AC				
220-240 V 50/60 Hz	LV429387 ☒	2100	LV429407 ☒	2690

Installation Accessories

Description	100/160/250A Reference	Unit LP [₹]
Spreaders (Set of 3) 3P	LV431563 ☒	600
Spreaders (Set of 4) 4P	LV431564 ☒	800

Rotary Handles

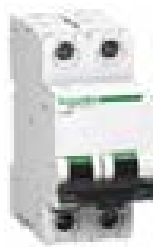
Description	100/160/250A Reference	Unit LP [₹]
Direct rotary handle		
Standard black handle	LV429337 ☒	1070
Extended rotary handle		
Standard extended rotary handle	LV429338 ☒	1700

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. March 12, 2018

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 ✓	298	A9N2P06B ✓	902	A9N3P06B ✓	1475	A9N4P06B ✓	1990
10	A9N1P10B ✓	298	A9N2P10B ✓	902	A9N3P10B ✓	1475	A9N4P10B ✓	1990
16	A9N1P16B ✓	298	A9N2P16B ✓	902	A9N3P16B ✓	1475	A9N4P16B ✓	1990
20	A9N1P20B ✓	298	A9N2P20B ✓	902	A9N3P20B ✓	1475	A9N4P20B ✓	1990
25	A9N1P25B ✓	298	A9N2P25B ✓	902	A9N3P25B ✓	1475	A9N4P25B ✓	1990
32	A9N1P32B ✓	298	A9N2P32B ✓	902	A9N3P32B ✓	1475	A9N4P32B ✓	1990
40	A9N1P40B ✓	660	A9N2P40B ✓	1455	A9N3P40B ✓	2250	A9N4P40B ✓	2865
50	A9N1P50B	660	A9N2P50B	1455	A9N3P50B	2250	A9N4P50B	2865
63	A9N1P63B ✓	660	A9N2P63B ✓	1455	A9N3P63B ✓	2250	A9N4P63B ✓	2865

C curve

1	A9N1P01C ✓	464	A9N2P01C ✓	1255	A9N3P01C ✓	1940	A9N4P01C ✓	2450
2	A9N1P02C ✓	464	A9N2P02C ✓	1255	A9N3P02C ✓	1940	A9N4P02C ✓	2450
3	A9N1P03C ✓	464	A9N2P03C ✓	1255	A9N3P03C ✓	1940	A9N4P03C ✓	2450
4	A9N1P04C ✓	464	A9N2P04C ✓	1255	A9N3P04C ✓	1940	A9N4P04C ✓	2450
6	A9N1P06C ✓	298	A9N2P06C ✓	902	A9N3P06C ✓	1475	A9N4P06C ✓	1990
10	A9N1P10C ✓	298	A9N2P10C ✓	902	A9N3P10C ✓	1475	A9N4P10C ✓	1990
16	A9N1P16C ✓	298	A9N2P16C ✓	902	A9N3P16C ✓	1475	A9N4P16C ✓	1990
20	A9N1P20C ✓	298	A9N2P20C ✓	902	A9N3P20C ✓	1475	A9N4P20C ✓	1990
25	A9N1P25C ✓	298	A9N2P25C ✓	902	A9N3P25C ✓	1475	A9N4P25C ✓	1990
32	A9N1P32C ✓	298	A9N2P32C ✓	902	A9N3P32C ✓	1475	A9N4P32C ✓	1990
40	A9N1P40C ✓	660	A9N2P40C ✓	1455	A9N3P40C ✓	2250	A9N4P40C ✓	2865
50	A9N1P50C	660	A9N2P50C	1455	A9N3P50C	2250	A9N4P50C	2865
63	A9N1P63C ✓	660	A9N2P63C ✓	1455	A9N3P63C ✓	2250	A9N4P63C ✓	2865

D curve

1	A9N1P01D ✓	468	A9N2P01D	1265	A9N3P01D ✓	1980	----	----
2	A9N1P02D ✓	468	A9N2P02D ✓	1265	A9N3P02D ✓	1980	A9N4P02D	2465
3	A9N1P03D ✓	468	A9N2P03D ✓	1265	A9N3P03D ✓	1980	A9N4P03D	2465
4	A9N1P04D ✓	468	A9N2P04D ✓	1265	A9N3P04D ✓	1980	A9N4P04D	2465
6	A9N1P06D ✓	394	A9N2P06D ✓	946	A9N3P06D ✓	1550	A9N4P06D ✓	2065
10	A9N1P10D ✓	394	A9N2P10D ✓	946	A9N3P10D ✓	1550	A9N4P10D ✓	2065
16	A9N1P16D ✓	394	A9N2P16D ✓	946	A9N3P16D ✓	1550	A9N4P16D ✓	2065
20	A9N1P20D ✓	394	A9N2P20D ✓	946	A9N3P20D ✓	1550	A9N4P20D ✓	2065
25	A9N1P25D ✓	394	A9N2P25D ✓	946	A9N3P25D ✓	1550	A9N4P25D ✓	2065
32	A9N1P32D ✓	394	A9N2P32D ✓	946	A9N3P32D ✓	1550	A9N4P32D ✓	2065
40	A9N1P40D ✓	712	A9N2P40D ✓	1540	A9N3P40D ✓	2385	A9N4P40D ✓	2995
50	A9N1P50D	712	A9N2P50D	1540	A9N3P50D	2385	A9N4P50D	2995
63	A9N1P63D	712	A9N2P63D ✓	1540	A9N3P63D ✓	2385	A9N4P63D ✓	2995

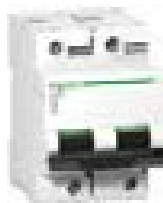
Note: * Please contact nearest Schneider Electric Sales Office or Customer Care Center for coordination chart
**18mm/module

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

✓ **NORMAL STOCK ITEMS**

W.E.F. March 12, 2018

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 ✓	2400	A9N18361 ✓	5325	A9N18365 ✓	8390	A9N18372 ✓	10930
100	A9N18358 ✓	2695	A9N18362 ✓	5680	A9N18367 ✓	8940	A9N18374 ✓	11395
125	A9N18359 ✓	2905	A9N18363 ✓	6245	A9N18369 ✓	9915	A9N18376 ✓	12890
C120H (15kA)								
80	A9N18446	2880	A9N18457	6475	A9N18468	9860	A9N18479	12660
100	A9N18447	3175	A9N18458	6635	A9N18469	10740	A9N18480	13645
125	A9N18448	3470	A9N18459	7530	A9N18470	11590	A9N18481	14825

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	892	2	A9N61520	1885
1	1	A9N61501 ✓	790	2	A9N61521 ✓	1635
2	1	A9N61502 ✓	790	2	A9N61522 ✓	1635
3	1	A9N61503 ✓	790	2	A9N61523 ✓	1635
4	1	A9N61504 ✓	790	2	A9N61524 ✓	1635
5	1	A9N61505	790	2	A9N61525	1635
6	1	A9N61506 ✓	648	2	A9N61526 ✓	1385
10	1	A9N61508 ✓	648	2	A9N61528 ✓	1385
16	1	A9N61511 ✓	648	2	A9N61531 ✓	1385
20	1	A9N61512 ✓	648	2	A9N61532 ✓	1385
25	1	A9N61513 ✓	648	2	A9N61533 ✓	1385
32	1	A9N61515 ✓	648	2	A9N61535 ✓	1385
40	1	A9N61517 ✓	888	2	A9N61537 ✓	1965
50	1	A9N61518 ✓	888	2	A9N61538 ✓	1965
63	1	A9N61519 ✓	888	2	A9N61539 ✓	1965

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. March 12, 2018

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	3220	4	A9N16251	4400
	100	2	A9N16203	3445	4	A9N16253	4585
	300	2	A9N16202	3550	4	A9N16252	4725
40	30	2	A9N16204	3795	4	A9N16254	4415
	100	2	A9N16205	4015	4	A9N16255	4615
	300	2	A9N16206	4130	4	A9N16256	4795
63	30	2	A9N16208	4485	4	A9N16258	5115
	100	2	A9N16209	4735	4	A9N16259	5455
	300	2	A9N16210	4830	4	A9N16260	5480
80	30	2	A9N16212	7545	4	A9N16261	8850
	100	2	A9N16213	7530	4	A9N16262	8830
	300	2	A9N16214	7670	4	A9N16263	8880

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	10735
		100	4	**A9R12491	11110
	125	30	4	16905	32885
		100	4	16906	33540
		300	4	16907	33700

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	4670
		300	2	A9N19681	4830
	10	30	2	A9N19663	4670
		300	2	A9N19683	4830
	16	30	2	A9N19665	4670
		300	2	A9N19685	4830
	20	30	2	A9N19666	4670
		300	2	A9N19686	4830
	25	30	2	A9N19667	4670
		300	2	A9N19687	4830
	32	30	2	A9N19668	4900
		300	2	A9N19688	5075
	40	30	2	A9N19669	6020
		300	2	A9N19689	6180

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. March 12, 2018

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	6970	4	A9N16321	7770
40	30	2	A9N16237	7320	4	A9N16324	8015
63	30	2	A9N16240	7530	4	A9N16327	8225
	300	2	A9N16246	7590	4	A9N16334	8565

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	4420	3	A9N26595	5310
	100	1.5	A9N26582	5525	3	A9N26596	5730
	300	1.5	A9N26583	5695	3	A9N26597	5900
63	30	2	A9N26611	6190	3.5	A9N26643	6505
	100	2	A9N26612	6435	3.5	A9N26644	6635
	300	2	A9N26613	6565	3.5	A9N26645	6765

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	8950
		300	2	A9N19641	9475
	10	30	2	A9N19632	8950
		300	2	A9N19642	9475
	16	30	2	A9N19634	8950
		300	2	A9N19644	9475
	20	30	2	A9N19635	8950
		300	2	A9N19645	9475
	25	30	2	A9N19636	8950
		300	2	A9N19646	9475
	32	30	2	A9N19637	9455
		300	2	A9N19647	11545
	40	30	2	A9N19638	11220
		300	2	A9N19648	12485

*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	12385
	1P + N	4	16330	27245
	3P	6	16331	40860
	3P + N	8	16332	50765

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	3840
	230	1P+N	2	A9L08500	7185
	230/400	3P	3	A9L08300	9700
	230/400	3P+N	4	A9L08600	14650
iPRD8r	230	1P+N	2	A9L08501	8615
	230/400	3P+N	4	A9L08601	17580
iPRD20	230	1P	1	A9L20100	4310
	230	1P+N	2	A9L20500	9035
	230/400	3P	3	A9L20300	11570
	230/400	3P+N	4	A9L20600	16675
iPRD20r	230	1P+N	2	A9L20501	10745
	230/400	3P+N	4	A9L20601	20005
iPRD40	230	1P	1	A9L40100	5090
	230	1P+N	2	A9L40500	10405
	230/400	3P	3	A9L40300	14945
	230/400	3P+N	4	A9L40600	20845
iPRD40r	230	1P	1	A9L40101	6105
	230	1P+N	2	A9L40501	13420
	230/400	3P	3	A9L40301	20120
	230/400	3P+N	4	A9L40601	25010
iPRD65r	230	1P	1	A9L65101	8165
	230	1P+N	2	A9L65501	17105
	230/400	3P	3	A9L65301	22325
	230/400	3P+N	4	A9L65601	28970

Spare Cartridges for iPRD



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

Type	Spare Cartridges for	Reference	Unit LP [₹]
iPRD 65-350	iPRD65r	A9L65102	5110
iPRD 40-350	iPRD40, iPRD40r	A9L40102	3930
iPRD 20-350	iPRD20, iPRD20r	A9L20102	3145
iPRD 8-350	iPRD8, iPRD8r	A9L08102	2755
iPRD Neutral	All products (1P+N, 3P+N)	A9L00002	4135

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

Note: 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. March 12, 2018

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	10380
	3P	6.5	A9L16299	15250
	3P+N	7.5	A9L16300	18980
iQuick PRD 20r	1P+N	4	A9L16295	12450
	3P	6.5	A9L16296	18305
	3P+N	7.5	A9L16297	22775
Quick PRD 40r	1P+N	4	A9L16292	14540
	3P	6.5	A9L16293	21790
	3P+N	7.5	A9L16294	27080

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

Photovoltaic surge arresters

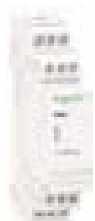


- Protection for photovoltaic panels and the DC input to the inverter from overvoltages due to a lightning strike
- Type 2 surge arresters
- Should be installed in switchboard inside the building. If switchboard is located outside, it must be weatherproof
- Withdrawable surge arrester allows damaged 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	8565
	1000	3	A9L40281	9785

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	14770
PRC	130 V AC	1	A9L16337	9035

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	554
	63	2	6	A9S2P063	732
	80	2	6	A9S2P080	880
	100	2	6	A9S2P100	1275
	125	2	6	A9S2P125	1315
3	40	3	4	A9S3P040	974
	63	3	4	A9S3P063	1140
4	40	4	3	A9S4P040	1230
	63	4	3	A9S4P063	1345
	80	4	3	A9S4P080	1785
	100	4	3	A9S4P100	2005
	125	4	3	A9S4P125	2170

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	1145
	2	2 C/O	2	6	A9E18071	1580
		1NO + 1NC	1	12	A9E18072	918
3	1	1 C/O	1	12	A9E18073	1125
	2	2 C/O	2	6	A9E18074	1905

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	972
8..12V AC	1	A9A15323	814

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

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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	1775
	16	2NO	1	A9C22712	1825
2P	25	2NO	1	A9C20732	2185
	40	2NO	2	A9C20842	3740
	63	2NO	2	A9C20862	4780
3P	25	3NO	2	A9C20833	2770
	40	3NO	2	A9C20843	6255
	63	3NO	3	A9C20863	6800
4P	25	4NO	2	A9C20834	2945
	40	4NO	2	A9C20844	6380
	63	4NO	3	A9C20864	7690
	63	2NO + 2NC	3	A9C20868	7690

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	1145
	32	230-240 VAC	1NO	1	A9C30831	1440
2P	16	230-240 VAC	2NO	1	A9C30812	1885
	32	230-240 VAC	2NO	1	A9C30831 + A9C32836	4470
3P	16	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30811 + A9C32816	3575
	32	230-240 VAC	1NO+1NO/NC+1NO	2	A9C30831 + 2 x A9C32836	4470
4P	16	230-240 VAC	4NO	2	A9C30814	3910
	32	230-240 VAC	4NO	2	A9C30831 + 3 x A9C32836	4470

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	1075
	Green	1	A9E18321	1075
	Blue	1	A9E18323	1075
	Orange	1	A9E18324	1075
3 phase voltage presence light	Red/Red/Red	1	A9E18327	2695
Single Push Button (1 NO+ 1NC)	Grey	1	A9E18033	1600

Note: For all above Reference MOQ = 1

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Life Is On



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Distributor