

Life Is On

Schneider
Electric



 PriceList

Switching and Controlling Products

With effect from July 15th, 2025



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Easy TeSys

Powering Simplicity in Control Solutions

Easy TeSys provides you **Essential** control and protection for your applications.



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Life Is On

Schneider
Electric

Easy TeSys

The Easy choice for simplicity and flexibility

- 3 Pole and 4 Pole Power Contactor
- Control Relays
- Thermal Overload Relay
- Circuit Breaker for Motor Protection
- Accessories

A2L certified
upto 50A
for HVAC
applications



HVAC



GenSet



Pumps



Textile



Material
Handling



Packaging



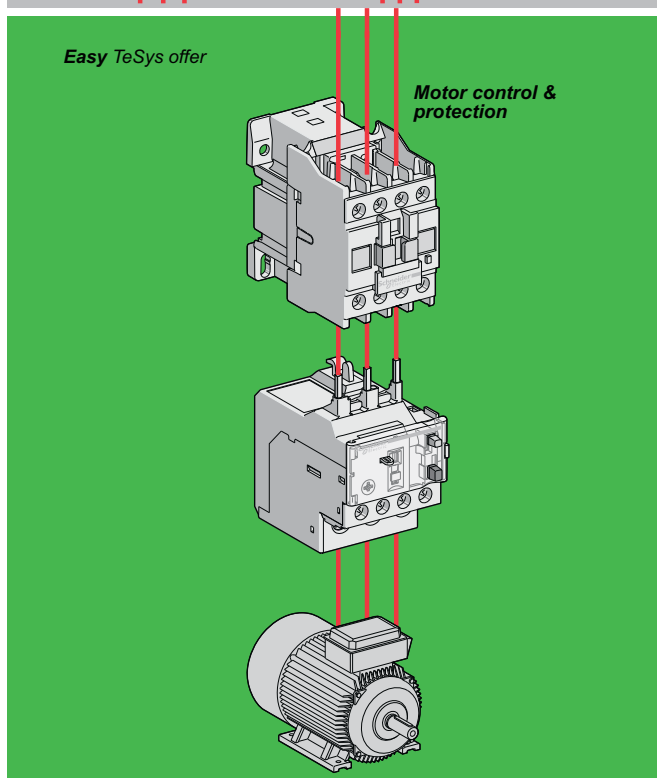
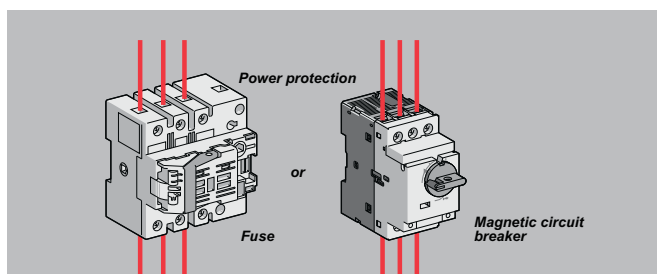
Easy TeSys

Designed for the essential

Two principles to build your starter solution

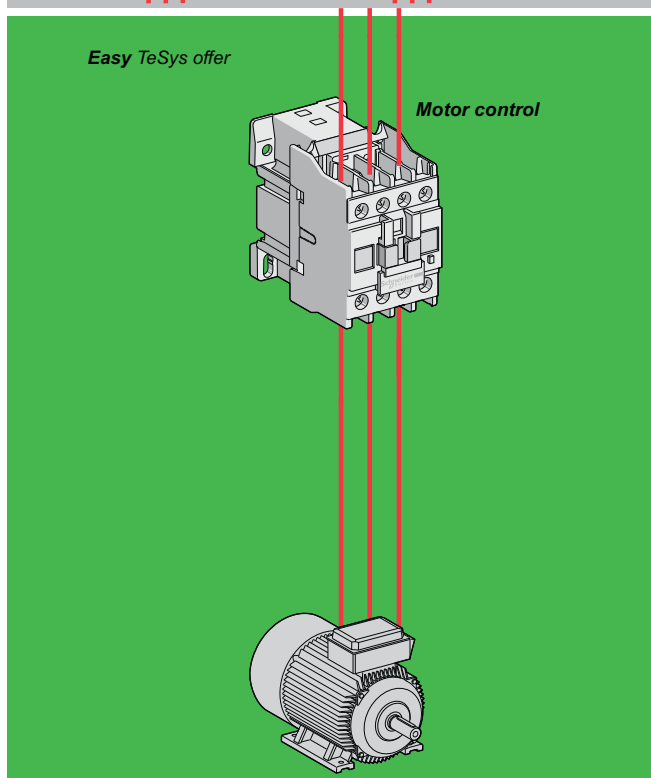
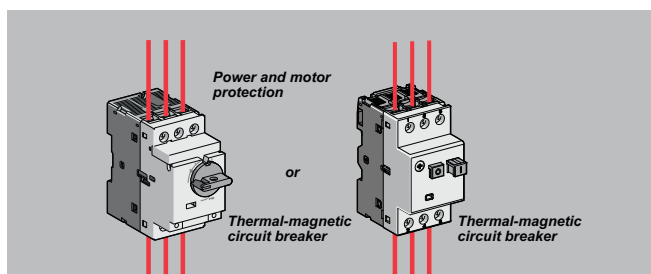
2-components solution

(Thermal-magnetic circuit breaker + Contactor)



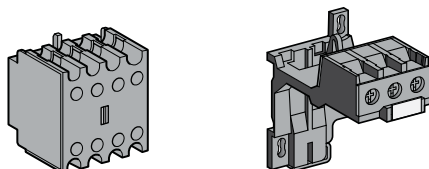
3-components solution

(Magnetic circuit breaker or fuse + Contactor + TOR)



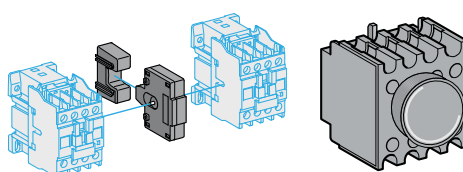
To build the essential solutions
in an easy and simple way

Control



Terminal
block

Reversor
starter



Star-Delta
solution

Power Contactors LC1E (3 Pole AC Control)



- Conformance to IEC 60947-4-1, CE Marking
- Current Rating: 6A to 630A, AC-3 Rating
- RSC available with Fuse, MPCB and MCCB

Frame	[Ie] Rated Operational Current		Motor Power at 415V, 3Ph, 50Hz		Auxiliary Contacts		Reference	Unit MRP [₹]	
	AC-1	AC-3	HP	kW	NO	NC		M7 (220V)	N5 (415V)
FRAME-1	20 A	6 A	3	2.2	-	1	LC1E0601*	1580	1865
	20 A	6 A	3	2.2	1	-	LC1E0610*	1580	1865
	25 A	9 A	5.5	4	-	1	LC1E0901*	1620	1620
	25 A	9 A	5.5	4	1	-	LC1E0910*	1620	1620
	25 A	12 A	7.5	5.5	-	1	LC1E1201*	1850	1850
	25 A	12 A	7.5	5.5	1	-	LC1E1210*	1850	1850
	32 A	18 A	12	9	-	1	LC1E1801*	2135	2135
	32 A	18 A	12	9	1	-	LC1E1810*	2135	2135
	36 A	25 A	15	11	-	1	LC1E2501*	2905	3440
	36 A	25 A	15	11	1	-	LC1E2510*	2905	2905
FRAME-2	50 A	32 A	20	15	-	1	LC1E3201*	6090	7205
	50 A	32 A	20	15	1	-	LC1E3210*	6090	6090
	50 A	38 A	25	18.5	-	1	LC1E3801*	7105	8515
	50 A	38 A	25	18.5	1	-	LC1E3810*	7105	7105
	50 A	40 A	29	22	-	1	LC1E40B01*	7680	-
	50 A	40 A	29	22	1	-	LC1E40B10*	7680	-
FRAME-3	60 A	40 A	29	22	1	1	LC1E40*	9535	9535
	70 A	50 A	34	25/30	1	1	LC1E50*	11605	11605
	80 A	65 A	50	37	1	1	LC1E65*	15720	15720
FRAME-4	110 A	80 A	60	45	1	1	LC1E80*	20445	20445
	120 A	95 A	60	45	1	1	LC1E95*	24500	24500

Frame	[Ie] Rated Operational Current		Motor Power at 415V, 3Ph, 50Hz		Auxiliary Contacts		Reference	Unit MRP [₹]			
	AC-1	AC-3	HP	kW	NO	NC		M7 (220V)	N5 (415)	M5 (220V)	N7 (415)
FRAME-5	150 A	120 A	75	55	1	1	LC1E120*	-	29190	29190	-
	200 A	160 A	120	90	1	1	LC1E160*	-	38540	38540	-
FRAME-6	250 A	200 A	150	110	-	-	LC1E200*	-	53050	53050	-
	300 A	250 A	175	132	-	-	LC1E250*	-	82625	69905	-
FRAME-7	320 A	300 A	215	160	-	-	LC1E300*	-	86065	86065	-
	500 A	400 A	295	220	-	-	LC1E400*	107405	-	-	125725
FRAME-8	700 A	500 A	375	280	-	-	LC1E500*	151285	-	-	-
FRAME-9	1000 A	630 A	500	375	-	-	LC1E630*	212810	-	-	251415

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

* Reference to be completed by adding coil voltage code

Easy TeSys 3P Power Contactors 06 – 95A, 24V DC Coil



- Power Contactors – 6A to 95A, Control Voltage- 24V DC (launched and commercialized)
- Fully tested, approved, and certified by national, international, and third-party organizations. ISO 9001 ISO 14000
- Conformance to IEC 60947-4-1, CE Marking

Power Contactors LC1E (3 Pole DC Control)

Frame	[Ie] Rated Operational Current		Motor Power at 415V, 3Ph, 50Hz		Auxiliary Contacts		Reference	Unit MRP [₹] BD
	AC-1	AC-3	HP	kW	NO	NC		
FRAME-1	20 A	6 A	3	2.2	-	1	LC1E0601*	2875
	20 A	6 A	3	2.2	1	-	LC1E0610*	2875
	25 A	9 A	5.5	4	-	1	LC1E0901*	2875
	25 A	9 A	5.5	4	1	-	LC1E0910*	2875
	25 A	12 A	7.5	5.5	-	1	LC1E1201*	2975
	25 A	12 A	7.5	5.5	1	-	LC1E1210*	2975
	32 A	18 A	12	9	-	1	LC1E1801*	3470
	32 A	18 A	12	9	1	-	LC1E1810*	3470
	36 A	25 A	15	11	-	1	LC1E2501*	4760
	36 A	25 A	15	11	1	-	LC1E2510*	4760
FRAME-2	50 A	32 A	20	15	-	1	LC1E3201*	10415
	50 A	32 A	20	15	1	-	LC1E3210*	10415
	50 A	38 A	25	18.5	-	1	LC1E3801*	11905
	50 A	38 A	25	18.5	1	-	LC1E3810*	11905
FRAME-3	60 A	40 A	29	22	1	1	LC1E40**	19280
	70 A	50 A	34	25/30	1	1	LC1E50**	19485
	80 A	65 A	50	37	1	1	LC1E65**	20385
FRAME-4	110 A	80 A	60	45	1	1	LC1E80**	26295
	120 A	95 A	60	45	1	1	LC1E95**	28720

Power Contactors - Easy TeSys (4 Pole AC Control)



- Conformance to IEC 60947-4-1, CE Marking
- Current Rating: 20A to 125A, AC-1 rating
- Available in 4NO and 2NO+2NC Power Pole combination
- Wide Band Coil for all ratings in 220 & 415V AC

Frame	AC-1 Rating	Power Poles	Reference	Unit MRP [₹]			
				B7 (24V)	F7 (110V)	M5WB (220V)	N5WB (415V)
FRAME-1	20	4NO	LC1E06004*IN	1915	2280	1915	-
	25	4NO	LC1E09004*IN	2030	2410	2030	2410
	32	4NO	LC1E12004*IN	-	-	2115	-
	40	4NO	LC1E18004*IN	2640	2640	2640	2640
FRAME-2	50	4NO	LC1E25004*IN	3340	3340	3340	3340
	55	4NO	LC1E32004*IN	-	5640	5640	-
	60	4NO	LC1E38004*IN	6600	6600	6600	6600
FRAME-3	75	4NO	LC1E40004*IN	12440	12440	10280	12440
	85	4NO	LC1E65004*IN	13910	16825	13910	13910
FRAME-4	110	4NO	LC1E80004*IN	21310	21310	17620	-
	125	4NO	LC1E95004*	-	-	19865	-

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

NORMAL STOCK ITEMS

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Frame	AC-1 Rating	Power Poles	Reference	Unit MRP [₹]			
				B7 (24V)	F7 (110V)	M5WB (220V)	N5WB (415V)
FRAME-1	20	2NO + 2NC	LC1E06008*IN	-	-	2290	-
	25	2NO + 2NC	LC1E09008*IN	2465	2465	2465	2465
	32	2NO + 2NC	LC1E12008*IN	3140	3140	2640	-
	40	2NO + 2NC	LC1E18008*IN	2655	2655	2655	2655
FRAME-2	50	2NO + 2NC	LC1E25008*IN	-	4750	4750	5640
	55	2NO + 2NC	LC1E32008*IN	8945	-	-	8945
	60	2NO + 2NC	LC1E38008*IN	-	9325	9325	9325
FRAME-3	75	2NO + 2NC	LC1E40008*IN	13820	-	13820	16710
	85	2NO + 2NC	LC1E65008*IN	-	17275	17275	17275
FRAME-4	110	2NO + 2NC	LC1E80008*IN	-	-	24530	24530

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

* Reference to be completed by adding coil voltage code

Control Relays - CAE,

Conformance to IEC60947-5-1, CE Marking

Auxiliary Contacts		Reference	Unit MRP [₹]			
NO	NC		B5	F5	M5	N5
4	0	CAE40*	1845	1545	1545	1545
3	1	CAE31*	1845	1845	1545	1845
2	2	CAE22*	1845	1545	1545	1845

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

Spare Coil for Contactors

Contactor	Reference
4 Pole Contactors	
LC1E0600*.... LC1E1800*	LAEX1T**
LC1E2500*.... LC1E3800*	LAEX2T**
LC1E4000*....LC1E9500*	LAEX4T**

Control Contactors

CAE*	LAEX12**
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* Reference to be completed by adding coil voltage code and recommended to check availability with Customer Care team

Accessories - For Easy TeSys Contactors

Description	For Use with	Mounting	Contacts	Reference	Unit MRP [₹]
Auxiliary contact block	LC1E06..E630 & LC1E0600..E9500	FRONT	1NO+1NC	LAEN11 ☒	480
		FRONT	2NO	LAEN20 ☒	480
		FRONT	2NC	LAEN02 ☒	565
		FRONT	2NO+2NC	LAEN22 ☒	870
		FRONT	4NO	LAEN40 ☒	870
Star delta timer	LC1E25..E630			LAETSD ☒	3945

Description	For Use with	Coil Voltage	Reference	Unit MRP [₹]
Surge suppressor*	LC1E06...E95	24..48V AC	LAERCE	2605
	LC1E06...E95	110..240V AC	LAERCU	1105

*For higher rating contactors, contact Customer Care

Description	For Use with	Reference	Unit MRP [₹]
Mechanical Interlock	LC1E06..E65 & LC1E0600*..E3800*	LAEM1	990
	LC1E80/E95 & LC1E4000*....LC1E9500*	LAEM4	3215
	LC1E120..E160	LAEM5	5995
	LC1E200/E250	LAEM6	6115

*Reference to be completed by adding coil voltage

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

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3 Pole Accessories Compatibility

Contactor	Built in contacts	LAEN**	LAERC*	LAEM
LC1E06	1NO or 1NC	1	1	1
LC1E09				
LC1E12				
LC1E18				
LC1E25				
LC1E32				
LC1E38				
LC1E40B				
LC1E40	1NO + 1NC	1	1	1
LC1E50				
LC1E65				
LC1E80				
LC1E95				
LC1E120				
LC1E160				
LC1E200				
LC1E250	-	2	-	-
LC1E300				
LC1E400				
LC1E500				
LC1E630				

4 Pole Accessories Compatibility

Contactor	LAEN**	LAEM	LAERC*
LC1E06	1	1	1
LC1E09			
LC1E12			
LC1E18			
LC1E25			
LC1E32			
LC1E38			
LC1E40			
LC1E50			
LC1E65			
LC1E80	-	-	-
LC1E95			

Control Relay Accessories Compatibility

Control Relay	LAEN*	LAERC
CAE	1 of LAEN11 or LAEN20 or LAEN02 or LAEN22	1

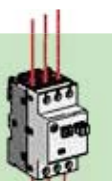
Easy TeSys

The performance you need

Circuit breaker

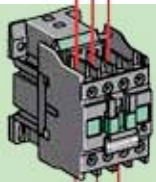
Choose from:

- Easy TeSys GZ1E
- TeSys GV



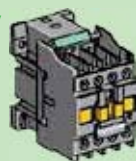
Contactor

- Easy TeSys



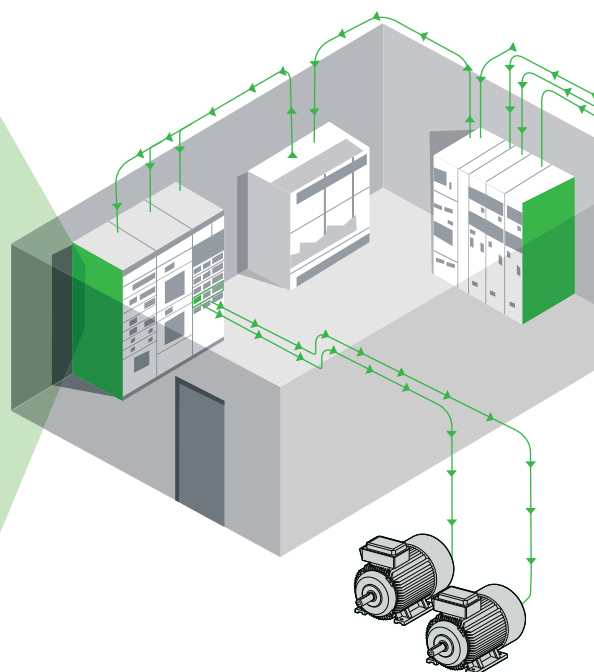
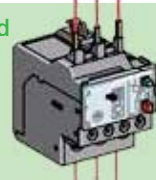
Control Relay

- Easy TeSys



Thermal overload relay (TOR)

- Easy TeSys



Thermal Overload Relay - Easy TeSys



- Conformance to IEC 60947-4-1, CE Marking
- Range : 0.1A to 630A
- Tripping Class : 10A
- Direct & Independent mounting

Thermal Protection Adjustment Range	For Use with Contactor	Reference	Unit MRP [₹]
LRE			
0.25...0.4	E06...E38	LRE03	2530
0.4...0.63	E06...E38	LRE04	2530
0.63...1	E06...E38	LRE05 ✓	2530
1...1.6	E06...E38	LRE06 ✓	2530
1.6...2.5	E06...E38	LRE07 ✓	2530
2.5...4	E06...E38	LRE08 ✓	2530
4...6	E06...E38	LRE10 ✓	2530
5.5...8	E09...E38	LRE12 ✓	2530
7...10	E09...E38	LRE14 ✓	2530
9...13	E12...E38	LRE16 ✓	2530
12...18	E18...E38	LRE21 ✓	2805
16...24	E25...E38	LRE22 ✓	3240
23...32	E25...E38	LRE32 ✓	4330
30...38	E38	LRE35 ✓	4880
17...25	E40...E95	LRE322	5505
23...32	E40...E95	LRE353	5505
30...40	E40...E95	LRE355	5505
37...50	E50...E95	LRE357 ✓	5505
48...65	E65...E95	LRE359	7225

Thermal Protection Adjustment Range	For Use with Contactor	Reference	Unit MRP [₹]
LRE			
55...70	E80...E95	LRE361	8555
63...80	E80...E95	LRE363	8935
80...104	E95	LRE365	8935
51...81	E120...E300	LRE480	16730
62...99	E120...E300	LRE481	16730
84...135	E120...E300	LRE482	16730
124...198	E160...E300	LRE483	16730
146...234	E200...E300	LRE484	16730
174...279	E250...E300	LRE485	16730
208...333	E300	LRE486	18230
258...414	E300...E400	LRE487	22180

Accessories for Relay

Accessory	For Relay	Reference	Unit MRP [₹]
Separate Mounting Block	LRE01...LRE35	LAEB1	890
	LRE322...LRE365	LAEB3	2055

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

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Circuit Breaker for Motor Protection - GZ1E - Pushbutton control



- Conformance to IEC60947-1,-2,-4, CE Marking
- Range : 0.1A to 32A
- Breaking Capacity upto 100KA

Motor Protection Circuit Breaker - Easy TeSys

Breaking Capacity at 50 Hz		Thermal Protection Adjustment Range (A)	Reference	Unit MRP [₹]
690 V	500 V			
GZ1-E Thermal Magnetic - With Pushbutton Control				
100 kA	100 kA	0.1 - 0.16	GZ1E01	4800
		0.16 - 0.25	GZ1E02	4800
		0.25 - 0.40	GZ1E03	4800
		0.40 - 0.63	GZ1E04	5585
		0.63 – 1.0	GZ1E05	5585
2 kA	100 kA	1.0 – 1.6	GZ1E06	5475
		1.6 – 2.5	GZ1E07	5475
		2.5 – 4	GZ1E08	5685
2 kA	30 kA	4 – 6.3	GZ1E10	5685
2 kA	8 kA	6 – 10	GZ1E14	6060
	5 kA	9 – 14	GZ1E16	6830
		13 – 18	GZ1E20	7430
2 kA	3 kA	17 – 23	GZ1E21	7835
		20 – 25	GZ1E22	8225
		24 – 32	GZ1E32	14680

Breaking Capacity at 50 Hz		Magnetic Protection (A)	Reference	Unit MRP [₹]
690 V	500 V			
GZ1-LE Magnetic- With Pushbutton Control				
100 kA	100 kA	1	GZ1LE05	3505
		1.6	GZ1LE06	3505
2 kA	100 kA	2.5	GZ1LE07	3505
		4	GZ1LE08	3505
2 kA	38 kA	6.3	GZ1LE10	3505
	8 kA	10	GZ1LE14	3505
2 kA	5 kA	14	GZ1LE16	3785
		18	GZ1LE20	3785
2 kA	3 kA	25	GZ1LE22	3785
		32	GZ1LE32	4490

Accessories - Easy TeSys Circuit Breaker for Motor Protection

Description	Mounting	Contacts	Reference	Unit MRP [₹]
Auxillary Contact Block	LH side Mounted	1NO+1NC	GZ1AN11	885
		2NO	GZ1AN20	1145

Electric Trips

Description	Mounting	Range	Reference	Unit MRP [₹]
Undervoltage	RH Side Mounted	380...400 V (50 Hz)	GZ1AU385	3895
Shunt trip		220...240 V (50 Hz)	GZ1AS225	5640

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. July 15th, 2025



years of TeSys...

> Control > Protect > Power > Active

Innovative and connected solutions for motor starters

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

TeSys Function Names

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

> TeSys Power:

Components for powering motors_____



> TeSys Control:

Components for controlling motors_____



> TeSys Protect:

Components for protecting motors_____



> TeSys Active:

Connected components for motor circuits_____



Start smart. Run smart. With TeSys motor controls.



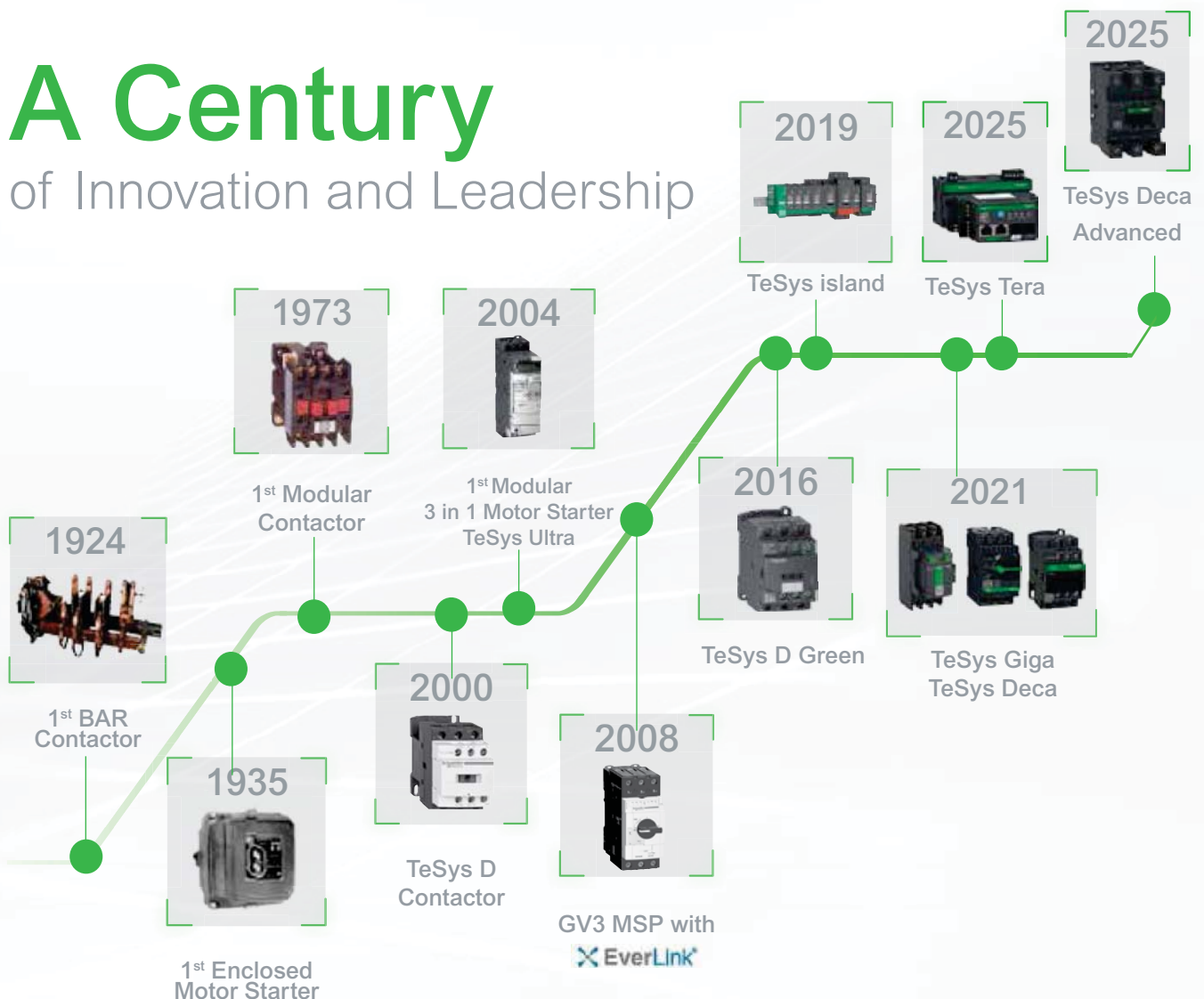
Stay smart with the world's best-selling motor control solutions from the inventor of the world's first contactor - Schneider Electric™.

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

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

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

A Century of Innovation and Leadership



Superior safety for all industries

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



HVAC

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



Conveying

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



Genset

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



Pumping

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



Packaging

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



Oil and Gas

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



Water and Wastewater

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



Food and Beverage

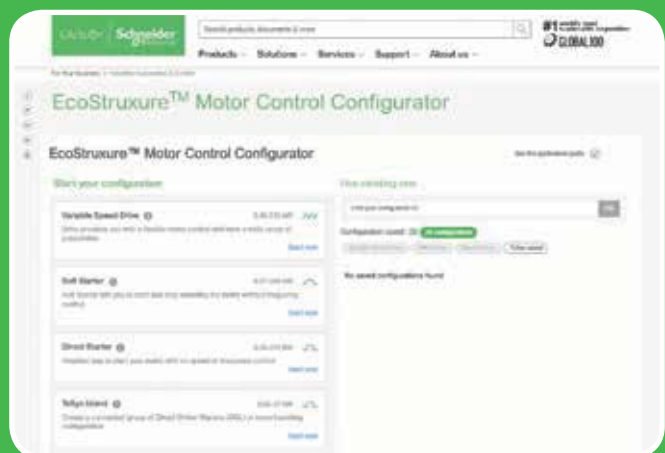
Serve your customers with environmentally friendly products to improve sustainability, efficiency, and flexibility, allowing you to adapt to changing customer habits.

Online selection tool

EcoStruxure™ Motor Control Configurator

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

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



Scan or click on
the QR code

TeSys Range

TeSys Component Series Names

Series names are now grouped as per the current ratings

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

> TeSys K Series

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



> TeSys Deca Series

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



> TeSys Giga Series

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



> TeSys Ultra Series

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



> TeSys Island Series

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



Control Relays - K Model (AC & DC Control)



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

No of Poles	AC Control Reference	Unit MRP [₹]				DC Control Reference ⁽⁴⁾	Unit MRP [₹]		
		B7 (24V)	F7 (110V)	M7 (220V)	N7 (415V)		BD (24V)	FD (110V)	MD (220V)
2NO + 2NC	CA2KN22*	2085	2085	2085	2085	CA3KN22**	2900	2900	2900
3NO + 1NC	CA2KN31*	2085	2085	2085	-	CA3KN31**	2900	2900	2900
4NO	CA2KN40*	2085	2085	2085	2490				

No of Poles	DC low consumption Reference ^{(1) (2) (3)}	Unit MRP [₹]		
		BW3 (24V)	EW3 (48V)	SW3 (72V)
2NO + 2NC	CA4KN22***	3555	4265	3555
3NO + 1NC	CA4KN31***	3555	4265	-
4NO	CA4KN40***	3555	4265	-

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

* Reference to be completed by adding coil voltage code

(1) Compatible with PLC outputs

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

(3) 2 pole auxiliary contact block can be mounted additionally

(4) Optional in-built surge suppressor available

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



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

Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit MRP [₹]				DC Control Reference ⁽⁵⁾	Unit MRP [₹]		
			B7 (24V)	F7 (110V)	M7 (220V)	N7 (415V)		BD (24V)	FD (110V)	MD (220V)
3	1NC	LC1K0601*	1830	1830	1830	2225	LP1K0601**	2860	3455	-
	1NO	LC1K0610*	1830	1830	1830	1830	LP1K0610**	2860	3455	-
5.5	1NC	LC1K0901*	1915	1915	1915	2315	LP1K0901**	3110	3110	3110
	1NO	LC1K0910*	1915	1915	1915	1915	LP1K0910**	3110	3110	3110
7.5	1NC	LC1K1201*	2165	2165	2165	-	LP1K1201**	3605	-	-
	1NO	LC1K1210*	2165	2165	2165	2610	LP1K1210**	3605	4360	4400
10	1NC	LC1K1601*	2560	2560	2560	-	-	-	-	-
	1NO	LC1K1610*	2560	2560	2560	-	-	-	-	-

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

* Reference to be completed by adding coil voltage code

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

Reversing Contactors - K Model



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

Motor Power (kW)	Auxiliary Contacts	AC Control Reference	Unit MRP [₹]	
			F7 (110V)	M7 (220V)
3	1 NC	LC2K0601*	6095	6095
	1 NO	LC2K0610*	6095	6095
5.5	1 NC	LC2K0901*	6505	6505
	1 NO	LC2K0910*	6505	6505
7.5	1 NC	LC2K1201*	6705	6705
	1 NO	LC2K1210*	6705	6705
10	1 NC	LC2K1601*	9005	9005
	1 NO	LC2K1610*	7485	9005

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

* Reference to be completed by adding coil voltage code

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

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

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W.E.F. July 15th, 2025

Accessories - K Model

Description	Mounting	Contacts	Reference	Unit MRP [₹]
Auxiliary contact block	Front	2NC	LA1KN02	1005
	Front	1NO + 1NC	LA1KN11 ☒	920
	Front	2NO	LA1KN20	1005
	Front	4NC	LA1KN04	1550
	Front	1NO + 3NC	LA1KN13	1550
	Front	2NO + 2NC	LA1KN22 ☒	1550
	Front	3NO + 1NC	LA1KN31	1550
	Front	4NO	LA1KN40	1550

Description	Control Voltage	Range	Reference	Unit MRP [₹]
On Delay Electronic Timer	24..48 V AC/DC	1..30S	LA2KT2E	5070
	110..240 V AC	1..30S	LA2KT2U	4845

Description	Coil Voltage	Reference	Unit MRP [₹]
Surge Suppressor - RC Circuit	220..250V AC	LA4KA1U*	1322
Surge Suppressor - Varistor	130..250V AC/DC	LA4KE1UG*	1322
Surge Suppressor - Varistor	50..129V AC/DC	LA4KE1FC*	1322

* Lot size 5

(1) Front mounted with common point changeover contact

TeSys Capacitor Duty Contactor

Capacitor Duty Contactor



Nominal Reactive Power 440V	Auxiliary Contacts	Reference	Unit MRP [₹]	
			F7 (110 V)	M7 (220V)
LC1-D•K - with Damping Resistors & Block of Early Make poles				
12.5 kVar	1NO + 2NC	LC1DFK*	6150	6150
16.7 kVar	1NO + 2NC	LC1DGK*	8635	8635
20 kVar	1 NO + 2 NC	LC1DLK	9700	-
25 kVar	1NO + 2NC	LC1DMK*	10640	10640
32 kVar	1 NO + 2NC	LC1DPK*	23180	23180
40 kVar	1NO + 2NC	LC1DTK*	31930	31930
60 kVar	1NO + 2NC	LC1DWK12*	35945	35945

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

* Reference to be completed by adding coil voltage code



Instruction Manual
Video for Capacitor
Duty Contactors



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

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

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

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W.E.F. July 15th, 2025

TeSys Control

TeSys Deca

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

TeSys Deca Control Contactors (AC & DC Control)



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

No of Poles	AC Control Reference	Unit MRP [₹]				DC Control Reference ⁽⁴⁾	Unit MRP [₹]		
		B7 (24V)	F7 (110V)	M7 (220V)	N7 (415V)		BD (24V)	FD (110V)	MD (220V)
3NO + 2NC	CAD32*	2125	2125	2125	2125	CAD32**	3055	3055	3055
5NO	CAD50*	2125	2125	2125	-	CAD50**	3055	3055	3055

No of Poles	DC low consumption Reference ^{(1) (2) (3)}	Unit MRP [₹]		
		BL (24V)	FL (110V)	ML (220V)
3NO + 2NC	CAD32***	3820	4580	6475
5NO	CAD50***	3820	4580	3820

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

* Reference to be completed by adding coil voltage code

(1) Compatible with PLC outputs

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

(3) 2 pole auxiliary block can be mounted

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



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

[Ie] Rated Operational Current AC-1	AC-3 Duty			Auxiliary Contacts	AC Control Reference	Unit MRP [₹]		
	kW	HP	A			M7 (220V)	N7 (415V)	F7 (110V)
25	4	5.5	9	1 NO + 1 NC	LC1D09*	2135	2135	2135
25	5.5	7.5	12	1 NO + 1 NC	LC1D12*	2405	2405	2405
32	9	12.5	18	1 NO + 1 NC	LC1D18*	2790	2790	2790
40	11	15	25	1 NO + 1 NC	LC1D25*	3465	3465	3465
50	15	20	32	1 NO + 1 NC	LC1D32*	6740	6740	6740
50	18.5	25	38	1 NO + 1 NC	LC1D38*	9585	9585	9585
60	22	30	40	1 NO + 1 NC	LC1D40A*	10255	10255	10255
80	25	35	50	1 NO + 1 NC	LC1D50A*	13295	13295	13295
80	37	50	65	1 NO + 1 NC	LC1D65A*	18445	18445	18445
80	37	50	80	1 NO + 1 NC	LC1D80A	23055	23055	23055
125	45	60	80	1 NO + 1 NC	LC1D80*	28505	28505	28505
125	45	60	95	1 NO + 1 NC	LC1D95*	29690	29690	29690
250	59	80	115	1 NO + 1 NC	LC1D115*	38555	38555	38555
250	80	110	150	1 NO + 1 NC	LC1D150*	48195	48195	48195

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

* Reference to be completed by adding coil voltage code

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. July 15th, 2025

TeSys Control

TeSys Deca

[le] Rated Operational Current AC-1	AC-3 Duty			Auxiliary Contacts	DC Control Reference ⁽¹⁾	Unit MRP [₹]		
	kW	HP	A			BD (24V)	FD (110V)	MD (220V)
25	4	5.5	9	1 NO + 1 NC	LC1D09*	3420	3300	3420
25	5.5	7.5	12	1 NO + 1 NC	LC1D12*	3845	3845	3845
32	9	12.5	18	1 NO + 1 NC	LC1D18*	4735	4575	4735
40	11	15	25	1 NO + 1 NC	LC1D25*	5980	5780	5980
50	15	20	32	1 NO + 1 NC	LC1D32*	12200	11795	12200
50	18.5	25	38	1 NO + 1 NC	LC1D38*	14415	14415	14415
60	22	30	40	1 NO + 1 NC	LC1D40A*	17135	-	-
80	25	35	50	1 NO + 1 NC	LC1D50A*	21505	21505	21505
80	37	50	65	1 NO + 1 NC	LC1D65A*	24390	24390	-
125	45	60	80	1 NO + 1 NC	LC1D80*	33120	33120	33120
125	45	60	95	1 NO + 1 NC	LC1D95*	36300	36300	36300
250	59	80	115	1 NO + 1 NC	LC1D115*	42900	45285	45285
250	80	110	150	1 NO + 1 NC	LC1D150*	51480	54345	54345

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

* Reference to be completed by adding coil voltage code

TeSys Deca Power Contactors (3 Pole DC Low Consumption)

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

[le] Rated Operational Current AC1	Motor Power (Long Life) AC3			Auxiliary Contacts	Reference	Unit MRP [₹]	
	kW	HP	A			BL (24V)	EL (48V)
25	4	5.5	9	1 NO + 1 NC	LC1D09****	3720	3720
25	5.5	7.5	12	1 NO + 1 NC	LC1D12****	4165	4165
32	9	12.5	18	1 NO + 1 NC	LC1D18****	6360	6360
40	11	15	25	1 NO + 1 NC	LC1D25****	7750	7750
50	15	20	32	1 NO + 1 NC	LC1D32****	13260	13260

[le] Rated Operational Current AC1	Motor Power (Long Life) AC3			Auxiliary Contacts	Reference	Unit MRP [₹]			
	kW	HP	A			BBE (24V DC)	BNE (24-60V AC/DC)	EHE (48-130V AC/DC)	KUE (100-250V AC/DC)
60	22	30	40	1 NO + 1 NC	LC1D40A#	17135	17135	17135	17135
80	25	35	50	1 NO + 1 NC	LC1D50A#	21505	21505	21505	21505
80	37	50	65	1 NO + 1 NC	LC1D65A#	24390	24390	24390	24390
80	37	50	80	1 NO + 1 NC	LC1D80A#	29600	29600	29600	29600

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

* Reference to be completed by adding coil voltage code

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



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

[le] Rated Operational Current AC1	Poles Composition	AC control Reference	Unit MRP [₹] M7 (220V)	DC control Reference	Unit MRP [₹]		
					BD (24V)	FD (110V)	MD (220V)
20	4NO	-	-	LC1DT20**	4080	4080	4080
	2NO+2NC	-	-	LC1D098**	4445	4445	4445
25	4NO	-	-	LC1DT25**	4905	4905	4905
	2NO+2NC	-	-	LC1D128**	6400	6400	6400
32	4NO	-	-	LC1DT32**	5390	9140	6460
	2NO+2NC	-	-	LC1D188**	7290	8725	7290
40	4NO	-	-	LC1DT40**	8450	8450	8450
	2NO+2NC	-	-	LC1D258**	11140	11140	11140
60	4NO	-	-	LC1DT60A#	16910	20260	20260
	2NO+2NC	-	-	LP1D40008**	22220	26630	22220
80	4NO	-	-	LC1DT80A#	25225	25225	-
	2NO+2NC	-	-	LP1D65008**	29875	29875	-
125	4NO	-	-	LP1D80004**	32360	38770	-
	2NO+2NC	-	-	LP1D80008**	37335	44730	37335
250	4NO	LC1D1150046*	43135	LC1D1150046**	47920	47920	-

Note: Please contact Customer Care for 4 Pole AC coil contactor details

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

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

* Reference to be completed by adding coil voltage code

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

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W.E.F. July 15th, 2025



TeSys Deca Advanced

The Revolutionary Electronic Coil Contactor



Complete range in 4 frame sizes:

09-12-18A

25-32-38A

40-50-65-80A

115-150A **NEW**

 -80%

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

10X Reduction
in references

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

 -35%

Highest currents in smallest size, e.g.

PLC Compatible

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

SEMIF47

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

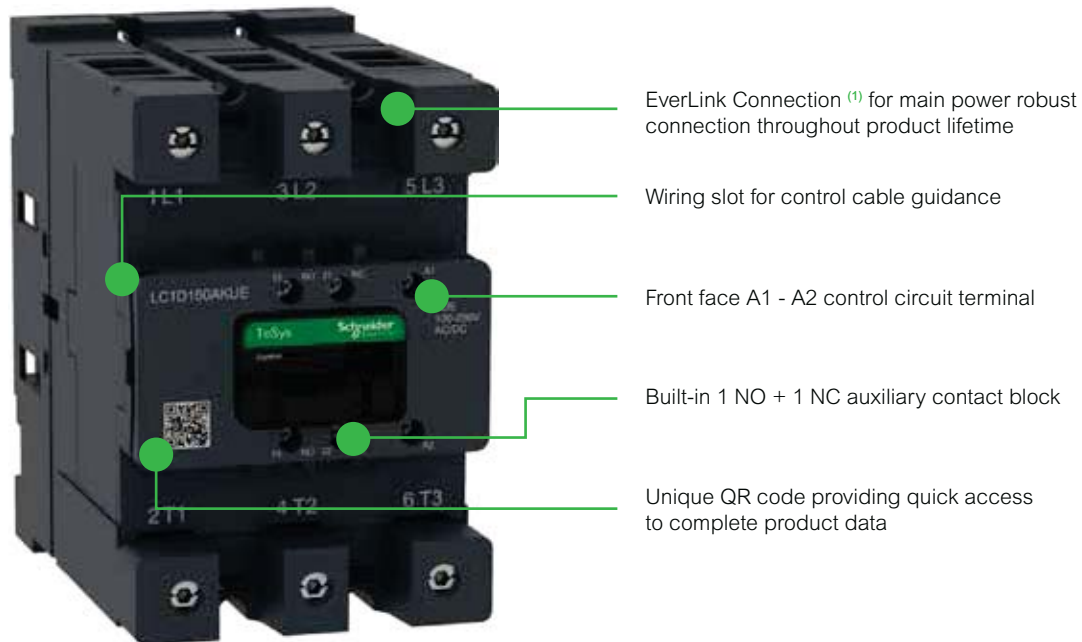


Scan to see TeSys
Deca Advanced under
voltage performance.

TeSys Control

Deca Advanced Contactors

Introduction



TeSys Deca Advanced contactors



9...18 A



25...38 A



40...80 A



115...150 A

Power & switch

- 3 or 4 power poles
- 9 to 150 A (AC-3/AC-3e)
- 25 to 200 A (AC-1)
- Embedded 1 NO + 1 NC auxiliary contacts
- Patent EverLink main power terminals ⁽¹⁾

Efficient design

- Low consumption coils
- High rating within compact size
- Ready for IE3/IE4 high efficiency motor

Remote control

- 24V DC ⁽²⁾, 24...60 V, 48...130 V 100...250 V, 200...500 V AC/DC coils
- PLC direct control available ⁽³⁾
- High resistance to voltage fluctuation
- Embedded surge suppressor

Standards & Certifications

- Multiple standards
- International certifications

⁽¹⁾ for LC1D40A...150A

⁽²⁾ BBE coil for LC1D40A...80A for PLC direct input

⁽³⁾ BNE coil for LC1D09...38, BBE coil for LC1D40 A...80A

TeSys Control

Deca Advanced Contactors

TeSys Deca Advanced Contactors



LC1

Contactor

TeSys Deca
Advanced
series, 3P

D

09

AC3 Rating

09: 09 A
12: 12 A
18: 18 A
25: 25 A
32: 32 A
38: 38 A
40: 40 A
50: 50 A
65: 65 A
80: 66 A
115: 115 A
150: 150 A

NEW
NEW

A(6)

Main Terminal

Blank: Screw
A: EverLink
+6: Lug

KUE

Coil voltage (AC/DC)

BBE⁽¹⁾: 24 V DC
BNE: 24...60 V AC/DC
EHE: 48...130 V AC/DC
KUE: 100...250 V AC/DC
LSE⁽²⁾: 200...500 V AC/DC

(1) BBE only for LC1D40A...D80A
(2) LSE only for LC1D115A...D150A

LC1

Contactor

TeSys Deca
Advanced
series, 4P

DT

200

AC3 Rating

60: 60 A
80: 80 A
200: 200 A

NEW

A(6)

Main Terminal

A: EverLink
+6: Lug

KUE

Coil voltage (AC/DC)

BBE⁽³⁾: 24 V DC
BNE: 24...60 V AC/DC
EHE: 48...130 V AC/DC
KUE: 100...250 V AC/DC
LSE⁽⁴⁾: 200...500 V AC/DC

(3) BBE only for LC1DT60A...DT80A
(4) LSE only for LC1DT200A

TeSys Control

Deca Advanced Contactors

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



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

The Revolutionary Electronic Coil Contactor

[Ie] Rated Operational Current AC1	AC3 Duty (Long Life)			Auxiliary Contacts	Reference	Unit MRP [₹]			
	kW	HP	A			BNE (24-60V AC/DC)	EHE (48-130V AC/DC)	KUE (100-250V AC/DC)	LSE (200-250V AC/DC)
25	4	5.5	9	1 NO + 1 NC	LC1D09	4420	4420	4420	-
25	5.5	7.5	12	1 NO + 1 NC	LC1D12	4580	4580	4580	-
32	9	12.5	18	1 NO + 1 NC	LC1D18	6045	6045	6045	-
40	11	15	25	1 NO + 1 NC	LC1D25	7215	7215	7215	-
50	15	20	32	1 NO + 1 NC	LC1D32	14660	14660	14660	-
50	18.5	25	38	1 NO + 1 NC	LC1D38	15820	18790	15820	-
60	22	30	40	1 NO + 1 NC	LC1D40A	17135	17135	17135	-
80	25	35	50	1 NO + 1 NC	LC1D50A	21505	21505	21505	-
80	37	50	65	1 NO + 1 NC	LC1D65A	24390	24390	24390	-
60	37	50	80	1 NO + 1 NC	LC1D80A	29600	29600	29600	-
80	22	30	40	1 NO + 1 NC	LC1D40A	17135	17135	17135	-
80	25	35	50	1 NO + 1 NC	LC1D50A	21505	21505	21505	-
80	37	50	65	1 NO + 1 NC	LC1D65A	24390	24390	24390	-
250	59	80	115	1 NO + 1 NC	LC1D115A NEW	38035	39695	39445	40610
250	80	110	150	1 NO + 1 NC	LC1D150A NEW	40445	41610	41245	42415

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

* Reference to be completed by adding coil voltage code

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

[Ie] Rated Operational Current AC-1	Poles Composition	Auxiliary Contacts	AC & DC Control Reference	BBE (24V DC only)	Unit MRP [₹]			
					BNE (24-60V AC/DC)	EHE (48-130V AC/DC)	KUE (100-250V AC/DC)	LSE (200-250V AC/DC)
60	4NO	1NO + 1NC	LC1DT60A	16910	16910	16910	16910	-
80	4NO	1NO + 1NC	LC1DT80A	25225	25225	25225	25225	-
200	4NO	1NO + 1NC	LC1DT200A NEW	-	47305	50545	50185	52825

Coil Voltage Code

Type	Voltage	24-60V AC/DC	48-130V AC/DC	100-250V AC/DC	200-250V AC/DC
AC/DC*	LC1D09 - D38, LC1D40A - 80A, LC1DT60A - 80A	BNE	EHE	KUE	
	LC1D115A - 150A NEW	BNE	EHE	KUE	LSE
24V DC Low Consumption*	LC1D40A - 80A, LC1DT60A - 80A	BBE (24V DC only)	-	-	

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

* Reference to be completed by adding coil voltage code



Check the features
of the TeSys Deca
Advanced

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

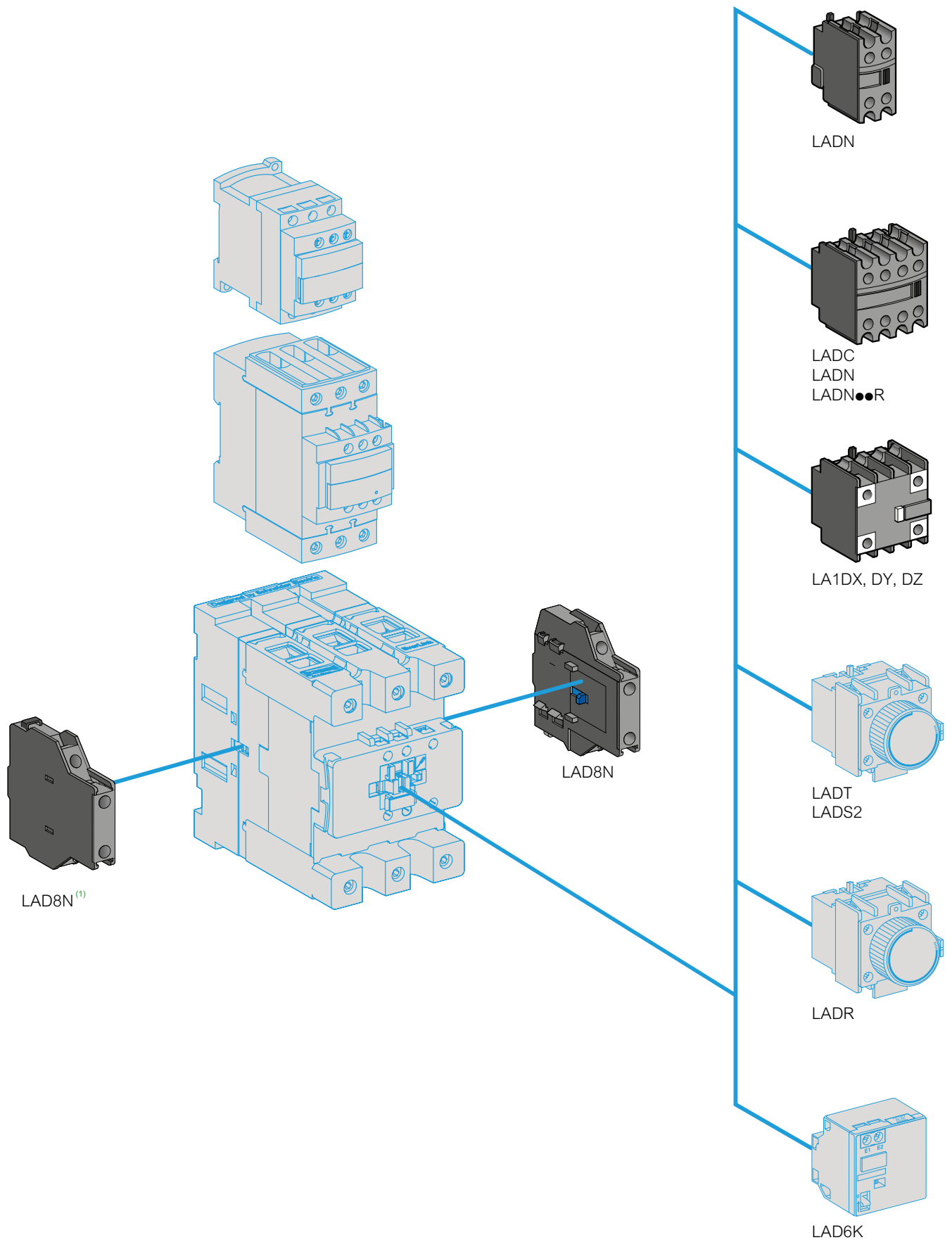
☒ NORMAL STOCK ITEMS

W.E.F. July 15th, 2025

TeSys Control

Deca Advanced Contactors

Introduction



(1) No left side mounting on Deca Advanced contactors up to LC1D38.

TeSys Control

TeSys Deca

Description	For use with	Reference	Unit MRP [₹]
Power connection accessories			
Terminal block	For supply to one or more GV2 G busbar sets	GV1G09	2700
Set of 63A busbars for parallelling of contactors	2 contactors LC1D09...D18 or D25...D38	GV2G245	2635
	4 contactors LC1D09...D18 or D25...D38	GV2G445	4145
Set of 115A busbars for parallelling of contactors	2 contactors LC1D40A...D80A	GV3G264	4735
	3 contactors LC1D40A...D80A	GV3G364 ⁽¹⁾	2530
Set of S-shape busbars	For circuit breakers GV3P** & GV3L** and contactors LC1 D40A...D65A	GV3S	1895

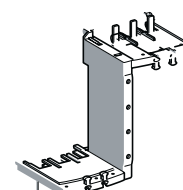
**Not applicable for GV3P/GV3L 73A and 80A



GV2G245



GV1G09



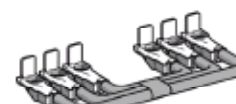
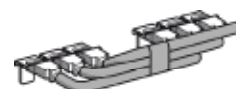
GV3S

Description	For use with	Reference	Unit MRP [₹]
Mechanical interlock	LC1D09 to D38(1)	LAD9V2	950
	LC1D40A to D65A(1)	LAD4CM	1925
	LC1D80 and D95 (for AC control voltage)	LA9D4002	4225
	LC1D80 and D95 (for DC control voltage)(2)	LA9D8002	6290
	LC1D115 and D150(2)	LA9D11502	6375

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

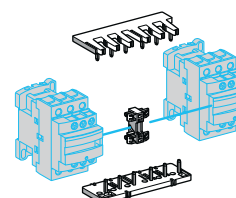
(2) With electrical interlock

Description	For use with	Reference	Unit MRP [₹]
Power Connection for Reversing			
Kit Comprising :	LC1D09 to D38	LAD9V5	790
1. A set of parallel bars	LC1D09 to D38	LAD9V6	985
2. A set of reverser bars.	LC1D40A to D80A	LA9D65A69	4100
	LC1D80 and D95 (for AC control voltage)	LA9D8069	8775
	LC1D80 and D95 (for DC control voltage)	LA9D8069	8775
	LC1D115 and D150	LA9D11569	14600

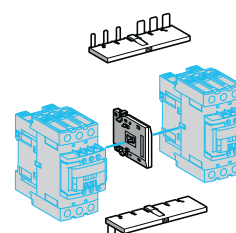


LA9 D8069

Description	For use with	Reference	Unit MRP [₹]
Reversing Kit			
Kit Comprising :			
1. A mechanical interlock LAD 9V2 with electrical interlocking LAD 9V1	LC1D09 to D38	LAD9R1V	1970
2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).			
Kit Comprising :			
1. A mechanical interlock LAD 9V2 without electrical interlocking	LC1D09 to D38	LAD9R1	1975
2. A set of power connections LAD 9V5 (parallel) and LAD 9V6 (reversing).			
Kit Comprising :			
1. A mechanical interlock LAD 4CM	LC1D40A to D80A	LAD9R3	4680
2. A set of power connections LA9 D65A69.			



LAD9R1



LAD9R3

Description	For use with	Reference	Unit MRP [₹]
Star Delta Kit			
Time delay contact block LAD S2 (LC1D09...D80),	LC1D09 and D12	LAD91217	7405
Power circuit connections (LC1D09...D80),	LC1D18 to D32	LAD93217	9520
Hardware required for fixing the contactors onto the mounting plate (LC1D80)	LC1D40A and D50A	LAD9SD3	19240
	LC1D80	LA9D8017	21365



LAD91217



LAD9SD3



LA9D8017

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

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W.E.F. July 15th, 2025

TeSys Control

TeSys Deca

Description	Time Delay Range	Timer Type	Reference	Unit MRP [₹]
On delay timer ^{(1) (2)}	15...30 s	on delay	LA4DT2U	7165
On delay timer ^{(1) (2)}	0.1...2 s	on delay	LA4DT0U	7165
On delay timer ^{(1) (2)}	25...500 s	on delay	LA4DFB	6600
Relay interface module - 24V DC ^{(1) (2)}	-	-	LA4DT4U	8025

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

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

Description	For use with	Reference	Unit MRP [₹]				
			B (24V) (AC/DC)	E (42/48V) (AC/DC)	F (110/127V) (AC/DC)	M (220/240V) (AC/DC)	Q (380/415V) (AC/DC)
TeSys Deca Model Mechanical Latch Blocks							
Front, Clip-on	LC1D09...D38 (a or c)	LAD6K10*	8610	8610	8610	8610	-
	LC1DT20...DT40 (a or c)						
	LC1D40A...D65A (3P a or c)						
	LC1DT60A and DT80A (4P a or c)						
	LC1D80...D150 (3P a)	LA6DK20*	8985	10080	10080	8985	14160
	LC1D80 and D115 (3 P c)						
	LC1D80 (4 P a)						
	LC1D80 and D115 (4 P a)						
LP1D80 and LC1D115 (4 P c)							

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

Spare Coils TeSys Deca Model

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

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

Coil Voltage Code

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

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Accessories

Description	For use With	Contacts	Reference	Unit MRP [₹]
Add On Blocks				
Additional instantaneous auxiliary contact blocks	LC1D09 ...LC1D150*	Front Mounted 1NO + 1NC	LADN11	635
		Front Mounted 2NO	LADN20 ✓	635
		Front Mounted 2NC	LADN02	1020
		Front Mounted 2NO + 2NC	LADN22 ✓	1155
		Front Mounted 4NC	LADN04	1685
		Front Mounted 4NO	LADN40 ✓	1155
		Front Mounted 1NO + 3NC	LADN13	1155
		Front Mounted 3NO + 1NC	LADN31 ✓	1155
	LC1D80..LC1D95	Front Mounted 1NO	LADN10	565
		Front Mounted 1NC	LADN01	565

Description		Contacts		Reference	Unit MRP [₹]
Add On Blocks					
Additional instantaneous auxiliary contact blocks	Side Mounted ⁽¹⁾	1NO + 1NC		LAD8N11	2420
	Side Mounted ⁽¹⁾	2NO		LAD8N20	2420
Pneumatic timer blocks front mounted	ON delay	1NO + 1NC	0.1..3s	LADT0	4580
	ON delay	1NO + 1NC	0.1..30s	LADT2	4580
	ON delay	1NO + 1NC	10..180s	LADT4	4580
	ON delay	1NO + 1NC	1..30s (2)	LADS2 	4885
	OFF delay	1NO + 1NC	0.1 ..3s	LADR0	4580
	OFF delay	1NO + 1NC	0.1 ..30s	LADR2 	4580
	OFF delay	1NO + 1NC	10..180s	LADR4	4580
	OFF delay	1NO + 1NC	10..180s	LADR4	4580

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

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

Accessories compatibility

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

(3) LC : Low consumption

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

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Accessories

Description	For use with	Reference	Unit MRP [₹]
For Contactor D115/150			
Contacts set - 3P	LC1D115	LA5D1158031	28205
Contacts set - 3P	LC1D150	LA5D150803	29240
Contacts set - 4P	LC1D1150046	LA5D115804	38875

Product Compatibility	Fixing	Control Circuit Voltage	Suppressor Type	Reference	Unit MRP [₹]
Coil Suppressor Modules					
LC1D12...D25 (4P)	Screw	110...240V AC	RC Circuit AC	LA4DA1U	2210
	Screw	12...250V DC	Diode DC	LA4DC1U	2475
LC1D09...D38, LC2D09...D38, LC1DT20...DT40, LC2DT20...DT40 (3P)	Screw	24...48V AC	Varistor AC/DC	LAD4VE	2145
	Screw	24...48V AC 400Hz	RC Circuit AC	LAD4RCE	2145
	Screw	50...127V AC 200Hz	RC Circuit AC	LAD4RCG	1935
CAD	Screw	110...240V AC 100Hz	RC Circuit AC	LAD4RCU 	2145
	Screw	110...250V AC	Varistor AC/DC	LAD4VU	2145
LC1D80, LC1D95, LC2D80, LC2D95 (3P) LC2D80 (4P), LC1D40008, LC1D65008	Screw	24...250V DC	Diode DC	LA4DC3U	2210
	Screw	110...250V AC	Varistor AC/DC	LA4DE2U	2110
	Screw	24...48V AC 400Hz	RC Circuit AC	LA4DA2E	2110
	Screw	50...127V AC 200Hz	RC Circuit AC	LA4DA2G	3330
	Screw	110...240V AC 100Hz	RC Circuit AC	LA4DA2U	2210
	Screw	380...415V AC 150Hz	RC Circuit AC	LA4DA2N	3330
	Screw	24...48V DC	Varistor AC/DC	LA4DE3E	2210

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

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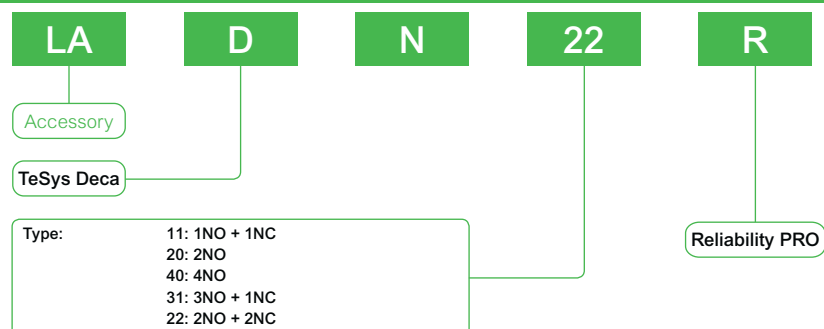
TeSys Control

TeSys Deca

Accessories

TeSys Deca auxiliary contact blocks for use in harsh industrial environment

Product references: coding principle



Note: There are differences in NO/NC position between LADN●●R and LADN●●. Please refer to page A1/42 for wiring diagram details. This auxiliary module only supports the installation on contactors with standard power consumption.

Product core values

Dustproof, Ultra-fine grain silver contacts, Improved Reliability, 17 V/1 mA

New upgrade, with innovative design



20% stability increased on contacts

Improves contact reliability between mobile and static contacts



Fully sealed design benefits on reduced dust access

Comprehensive blocking of dust and external pollution

5X granularity refinement on silver alloy

Innovative binary alloy refinement process provides precise conduction for each operation

10⁻⁸ level on reliability

Capacity 17 V/1 mA



Target industries and applications

- For elevator, textile machinery and other harsh industrial applications
- For low voltage and low current high sensitive applications

Product variants:



LADN11R



LADN20R



LADN22R



LADN31R



LADN40R

LADN●●R for harsh environment 17 V/1 mA

Description	Reference	Unit MRP [₹]
Auxiliary module 1NO + 1NC, screw terminals	LADN11R	1025
Auxiliary module 2NO, screw terminals	LADN20R	1035
Auxiliary module 2NO + 2NC, screw terminals	LADN22R	1225
Auxiliary module 3NO + 1NC, screw terminals	LADN31R	1225
Auxiliary module 4NO, screw terminals	LADN40R	1240

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

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W.E.F. July 15th, 2025

TeSys Control

TeSys Deca

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

Simple, customisable modular marking system

Standard TeSys Deca contactors

Easy-to-attach covers:



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



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



Simpler and faster maintenance with 100% visibility



Safety covers and auxiliary blocks prevent screwdriver contact with poles

Standard TeSys Ultra motor starters

Translucent labels to identify safety-chain devices:



Complete safety-chain identification system

TeSys Deca range

Retrofit contactor safety covers



LAD9ET1S
9A upto 65A



LAD9ET3S
80A to 95A



LAD9ET4S
110A to 150A



LADN22S
2NO + 2NC

Also available for CAD32/CAD50

TeSys Ultra range

Retrofit identification label



LU9ET1S

Built in Safety

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

Description	For use with	Reference	Unit MRP [€]
Red Cover (For safety chain indication)	LC1D09...D65A and DT20 .. DT80A	LAD9ET1S	910
Auxiliary Contact block with red front face- for safety chain indication	2NO + 2NC	LADN22S	1300

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

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W.E.F. July 15th, 2025



TeSys Giga - Future Ready

A New Generation Series with Digital Innovation

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

Optimized Predictive Maintenance through-

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

Unique Design-

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

TeSys Control

TeSys Giga

TeSys Giga High Power Contactors

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



Standard Version

Power & control

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

Remote control

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

Diagnostic

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



Advanced Version

Advanced diagnostic features along with standard version -

Diagnostic

- Remote wear diagnostic signaling kit (accessory)

Mounting

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

Remote control

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



Interlock location, with knock-out cover

On/Off switch for PLC input

Push-in type control terminals enabling quick wiring and assembly

Diagnosis LED for contact wear & voltage abnormality

Built-in 1 NO + 1 NC auxiliary contact block

Unique QR code providing quick access to complete product data

Mechanical indicator for contactor open and closed status

TeSys Control

TeSys Giga

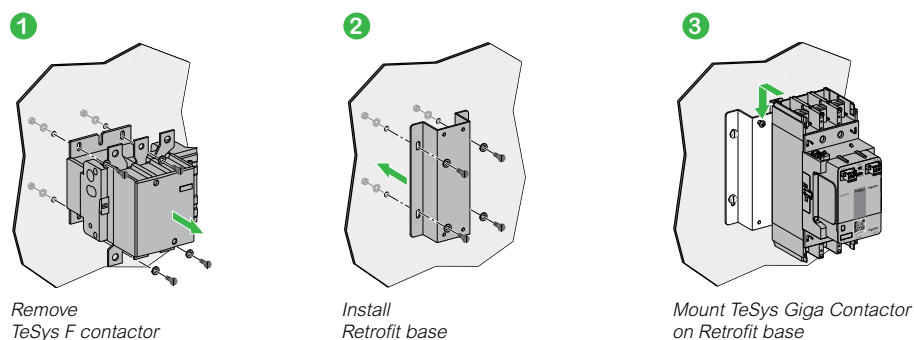
Quick & Easy Replacement of TeSys F with TeSys Giga Contactors with Retrofit Bases



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



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



TeSys Giga Power Contactors (3 Pole AC/DC)

[Ie] Rated Operational Current AC-1	Motor Power (Long Life) AC-3		Standard version Reference	Unit MRP [₹]	
	kW (@415V)	A		EHEN (48-130 V)	KUEN (100-250 V)
250	55	115	LC1G115****	32935	34065
275	75	150	LC1G150****	43440	43440
305	90	185	LC1G185****	53835	53835
330	110	225	LC1G225****	57930	57930
385	132	265	LC1G265****	71205	71205
440	160	330	LC1G330****	86105	86105
550	200	400	LC1G400****	104065	104065
700	250	500	LC1G500****	144365	144365
1050	375	630	LC1G630****	On Request	On Request
1050	450	800	LC1G800****	On Request	On Request

TeSys Giga Power Contactors (4 Pole AC/DC)

[Ie] Rated Operational Current AC-1	Power Pole Composition	Standard version Reference	Unit MRP [₹]	
			EHEN (48-130 V)	KUEN (100-250 V)
250	4 NO	LC1G1154****	56030	56030
275	4 NO	LC1G1504****	66665	66665
305	4 NO	LC1G1854****	83300	83300
330	4 NO	LC1G2254****	97850	97850
385	4 NO	LC1G2654****	109400	109400
440	4 NO	LC1G3304****	127315	127315
550	4 NO	LC1G4004****	158225	158225
700	4 NO	LC1G5004****	233175	233175
1050	4 NO	LC1G6304****	On Request	On Request
1050	4 NO	LC1G8004****	On Request	On Request

Note:

For ordering advanced version replace **N** with **A** in reference as EHEN/KUEN → EHEA/KUEA respectively.

Example: LC1G1154 EHEN → LC1G1154 EHEA.

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

* Reference to be completed by adding coil voltage code

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

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W.E.F. July 15th, 2025

TeSys Control

TeSys Giga

Giga High power contactors – Power wiring accessories

Product references

Power Terminals

Spreader Kits



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

Terminal extensions for larger power connections



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

Power Terminal Accessories

Phase Separators



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

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

(2) To be used with LA9G3613 and LA9G3614.

(3) To be used with LA9G4613 and LA9G4614.

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

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W.E.F. July 15th, 2025

TeSys Control

TeSys Giga

Accessories

Description	Terminal Type	Position	Contacts	Reference	Unit MRP [₹]
Add On Blocks	Push In				
Auxiliary contact module	1st left or 1st right	Side Mounted ⁽¹⁾	1 NO+1NC	LAG8N113P	1575
	1st left or 1st right	Side Mounted	2 NO	LAG8N203P	2035
	2nd left or right	Side Mounted	1 NO+1NC	LAG8N113	1575
	2nd left or right	Side Mounted	2 NO	LAG8N203	2035

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

Accessories

For Use With Contactor	Reference	Unit MRP [₹]
Mechanical interlock between contactors ⁽¹⁾		
Between Identical contactor frames	LA9G970	2860
Between LC1G(265-500) and LC1G(185-225)	LA9G971	2860
LC1G630 to LC1G800 and LC1G265 to LC1G500	LA9G972	On Request*

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

Spare Control Module



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

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

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

* Reference to be completed by adding coil voltage code

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

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W.E.F. July 15th, 2025

TeSys Protection Range

TeSys has the most rugged and reliable solution to manage motors

Please find a quick range overview below

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



Protection Relays for Motor Safety

Providing motor safety tailored to your needs



TeSys Protect

TeSys K, TeSys Deca, TeSys F, TeSys Giga

Thermal Overload Relays - TeSys K Series (Direct Mounting)



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

Thermal Protection Adjustment	For Use With	For Use With	Unit MRP [₹]
0.11...0.16		LR2K0301	2860
0.16...0.23		LR2K0302	2860
0.23...0.36		LR2K0303	2860
0.36...0.54		LR2K0304	2860
0.54...0.8		LR2K0305	2860
0.8...1.2		LR2K0306	2860
1.2...1.8	LC1K, LP1K, LP4K, LP2K, LC2K	LR2K0307	2860
1.8...2.6		LR2K0308	2860
2.6...3.7		LR2K0310	2860
3.7...5.5		LR2K0312	2860
5.5...8		LR2K0314	2860
8...11.5		LR2K0316	2860
10...14		LR2K0321	2960
12...16		LR2K0322	2960

*Note: Terminal Block for Clip-on Mounting LA7K0064

Thermal Overload Relays - TeSys Deca Series



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

Thermal Protection Adjustment Range	For Use With	Reference*	Unit MRP [₹]
LRD Model (Direct Mounting)			
0.1...0.16		LRD01	2815
0.16...0.25		LRD02	2815
0.25...0.4		LRD03	2815
0.4...0.63		LRD04	2815
0.63...1		LRD05 ✓	2815
1...1.6		LRD06 ✓	2815
1.6...2.5	GV2L03, LE03, LC1D09...LC1D38	LRD07 ✓	2815
2.5...4		LRD08 ✓	2815
4...6		LRD10 ✓	2815
5.5...8		LRD12 ✓	2815
7...10		LRD14 ✓	3155
9...13		LRD16 ✓	3155
12...18		LRD21 ✓	3250
16...24	GV2L22, LC1D25...D38	LRD22 ✓	3250
23...32	LC1D25...LC1D38, LC1D32	LRD32 ✓	5225
30...38	LC1D32, LC1D38	LRD35	5225
23...32	LC1D40A...D65a	LRD332	5790
23...32	LC1D80...LC1D95	LRD3353	5790
30...40	LC1D40A...D65a	LRD340	5790
30...40	LC1D80...LC1D95	LRD3355	5790
37...50	LC1D40A...D65a	LRD350 ✓	7935
37...50	LC1D80...LC1D95	LRD3357	9490
48...65	LC1D40A...D65a	LRD365	10180
62...80	LC1D80A	LRD380	10620
48...65	LC1D80...LC1D95	LRD3359	10180
63...80	LC1D80...LC1D95	LRD3363	11050
80...104	LC1D80, LC1D95	LRD3365	13640

Electronic Overload Relay - TeSys Deca Series



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

Current Range	For Use With	Reference*	Unit MRP [₹]
0.1...0.5		LR9D01	12795
0.4...2.0	LC1D09 - 38A Direct Mounting	LR9D02	13135
1.6...8.0		LR9D08	13135
6.4...32		LR9D32	14700

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

Electronic Overload Relay - TeSys Giga Series



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

Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
28...115 A	LR9G115	22805
57...225 A	LR9G225	26610
125...500 A	LR9G500	31295
160...630 A	LR9G630*	on request

*Note:

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

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

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



Electronic Overcurrent Relays

Digital EOCR

Protection

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

Diagnostic

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

Measurement

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

Other Features

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

Analog EOCR

Protection

- Over current
- Phase loss
- Locked rotor

Other Features

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

* In selected models

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TeSys Protect

EOCR

Digital EOCR



Digital EOCR Without Communication Current Range=0.5A-80A Control Voltage=100VAC-220VAC*					
Description	Display	Bottom Hole		Window Hole	
		Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
Without Ground Fault Protection	Inbuilt	3DM2-WRDUHZ	24315	3DM2-WRDUWZ	24315
	Extended**	FDM2-WRDUHZ	26295	FDM2-WRDUWZ	26295
GF Protection with external CT	Inbuilt	3MZ2-WRAUHZ	24640	3MZ2-WRAUWZ	24640
	Inbuilt	3MZ2-WRCUHZ	24640	3MZ2-WRCUWZ	24640
	Extended**	FMZ2-WRAUHZ	29585	FMZ2-WRAUWZ	29585
	Extended**	FMZ2-WRCUHZ	29585	FMZ2-WRCUWZ	29585
GF Protection with inbuilt CT	Inbuilt	3BZ2-WRAUHZ	35770		
	Inbuilt	3BZ2-WRCUHZ	35770		
	Extended**	FBZ2-WRAUHZ	36345		
	Extended**	FBZ2-WRCUHZ	36345		

Digital EOCR with Modbus Communication Current Range=0.5A-80A Control Voltage=100VAC-220VAC*					
Description	Display	Bottom Hole		Window Hole	
		Reference	Unit MRP [₹]	Reference	Unit MRP [₹]
Without Ground Fault Protection	Inbuilt	I3DM-WRDUHZ	39065	I3DM-WRDUWZ	39065
	Extended**	IFDM-WRDUHZ	39320	IFDM-WRDUWZ	39320
GF Protection with external CT	Inbuilt	I3MZ-WRAUHZ	41545	I3MZ-WRAUWZ	41545
	Inbuilt	I3MZ-WRCUHZ	41545	I3MZ-WRCUWZ	41545
	Extended**	IFMZ-WRAUHZ	47055	IFMZ-WRAUWZ	47055
	Extended**	IFMZ-WRCUHZ	47055	IFMZ-WRCUWZ	47055
GF Protection with inbuilt CT	Inbuilt	I3BZ-WRAUHZ	48140		
	Inbuilt	I3BZ-WRCUHZ	48140		
	Extended**	IFBZ-WRAUHZ	48390		
	Extended**	IFBZ-WRCUHZ	48390		

* Replace **U** with **B** in above reference for Control Voltage =24 V DC

** Cable need to be purchased seperately

Contact Customer Care for 4-20mA Output EOCR references & prices

EOCR Accessories

Cable for Extended Display			
Description	Reference	Unit MRP [₹]	
	CABLE-RJ45 1 Meter	CABLE-RJ45-001	2825
	CABLE-RJ45 3 Meter	CABLE-RJ45-003	3690

ZCT - Ground Fault Protection			
Description	Reference	Unit MRP [₹]	
	ZCT 35 M/M	ZCT-035-Z	7775
	ZCT 80 M/M	ZCT-080-Z	10475
	ZCT 120 M/M	ZCT-120-Z	17230

External CT for range extension up to 400A				
Current Range	CT Ratio	Reference	Unit MRP [₹]	
	100A	100:5	3CT-H1-100-Z	6190
	150A	150:5	3CT-HH-150-Z	7665
	200A	200:5	3CT-H2-200-Z	8535
	300A	300:5	3CT-H3-300-Z	8905
	400A	400:5	3CT-H4-400-Z	10475

Spare Display		
Description	Reference	Unit MRP [₹]
EOCR-PDMZ Display	EOCR-PDMZ	11610

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

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TeSys Protect

Analog EOCR

EOCR SS

- Without Display



Analog EOCR without Display			
Current Range (A)	Control Voltage	Reference	Unit MRP [₹]
0.5-6	24-240V AC/DC	EOCRSS-05S	7705
0.5-6	380-440V AC	EOCRSS-05W	6310
3-30	24-240V AC/DC	EOCRSS-30S	7705
3-30	380-440V AC	EOCRSS-30W	6310
5-60	24-240V AC/DC	EOCRSS-60S	7705
5-60	380-440V AC	EOCRSS-60W	6310

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

EOCR SSD

- With Display (Operating Current & Trip Cause)



Analog EOCR with Display			
Current Range (A)	Control Voltage	Reference	Unit MRP [₹]
0.5-6	24-240V AC/DC	EOCRSSD-05S	11525
0.5-6	380-440V AC	EOCRSSD-05W	14195
3-30	24-240V AC/DC	EOCRSSD-30S	11525
3-30	380-440V AC	EOCRSSD-30W	12300
10-60	24-240V AC/DC	EOCRSSD-60S	11525
10-60	380-440V AC	EOCRSSD-60W	12300

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

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

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TeSys Power

Circuit breakers for motor protection and control

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

- Isolation
- Protection against short circuits and overloads
- Conforming to global standards.(IEC/EN/UL/CSA)



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TeSys Power

Circuit Breakers for Motor Protection

Magnetic Circuit Breaker



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

Breaking Capacity at 50Hz		Magnetic Protection Rating (A)	Reference	Unit MRP [₹]
690V	500V			

With Rocker Lever Control (Economy)*

100 kA	100 kA	0.4	GV2LE03	6065
		0.63	GV2LE04	6065
		1	GV2LE05	6065
		1.6	GV2LE06	6065
3 kA	100 kA	2.5	GV2LE07	6065
		4	GV2LE08	6065
3 kA	50 kA	6.3	GV2LE10	6065
	10 kA	10	GV2LE14	6065
3 kA	6 kA	14	GV2LE16	6065
		18	GV2LE20	7045
3 kA	4 kA	25	GV2LE22	7045
		32	GV2LE32	11965

With Rotary Handle Control*

100 kA	100 kA	0.4	GV2L03	6960
		0.63	GV2L04	6960
		1	GV2L05	6960
		1.6	GV2L06	6960
4 kA	100 kA	2.5	GV2L07	6960
		4	GV2L08	6960
		6.3	GV2L10	6960
		10	GV2L14	6960
4 kA	10 kA	14	GV2L16	6960
		18	GV2L20	6960
		25	GV2L22	6960
		32	GV2L32	6960
6 kA	12 kA	40	GV3L40	19725
		50	GV3L50	20190
		65	GV3L65	20630
		73	GV3L73	23325

Breaking Capacity at 415V 50Hz	Motor Power AC-3**		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
	kW	HP			

With Toggle Control

50 kA	75	101	150	C16N3MA150	On Request
	110	147	220	C25N3MA220	On Request
	160	214	320	C40N31M320	On Request
	200	268	500	C63N31M500	On Request

Thermal Magnetic Circuit Breaker



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

Breaking Capacity at 50Hz		Thermal Protection Adjustment Range	Reference	Unit MRP [₹]
690V	500V			

With Push Button Control (Economy)

100 kA	100 kA	0.1 - 0.16	GV2ME01	6295
		0.16 - 0.25	GV2ME02	6295
		0.25 - 0.40	GV2ME03	6295
		0.40 - 0.63	GV2ME04	6705
		0.63 - 1.0	GV2ME05	6705
		1.0 - 1.6	GV2ME06	6850
3 kA	100 kA	1.6 - 2.5	GV2ME07	6850
		2.5 - 4	GV2ME08	7090
3 kA	50 kA	4 - 6.3	GV2ME10	7090
	10 kA	6 - 10	GV2ME14	7090
3 kA	6 kA	9 - 14	GV2ME16	7940
		13 - 18	GV2ME20	8550
3 kA	4 kA	17 - 23	GV2ME21	9130
		20 - 25	GV2ME22	9130
		24 - 32	GV2ME32	14785

With Rotary Handle Control

100 kA	100 kA	0.1 - 0.16	GV2P01	6160
		0.16 - 0.25	GV2P02	6160
		0.25 - 0.40	GV2P03	6160
		0.40 - 0.63	GV2P04	7060
		0.63 - 1.0	GV2P05	7060
		1.0 - 1.6	GV2P06	7060
8 kA	100 kA	1.6 - 2.5	GV2P07	7060
		2.5 - 4	GV2P08	7280
6 kA	100 kA	4 - 6.3	GV2P10	7280
	50 kA	6 - 10	GV2P14	7770
4 kA	10 kA	9 - 14	GV2P16	9540
		13 - 18	GV2P20	11010
		17 - 23	GV2P21	11010
		20 - 25	GV2P22	11010
		24 - 32	GV2P32	18560

With Rotary Handle Control

6 kA	12 kA	30...40	GV3P40	21895
		37...50	GV3P50	27145
		48...65	GV3P65	27845
		62...73	GV3P73	28455

With Direct Rotary Handle

10 kA	50 kA	70...150	GV5P150H	51875
		100...220	GV5P220H	60510
		160...320	GV6P320H	77815
		250...500	GV6P500H	107210

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

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TeSys Power

Circuit Breakers for Motor Protection

Accessories for Motor Circuit Breakers

Description	Reference	Unit MRP [₹]
For GV2		
Front contact NO or NC ⁽¹⁾	GVAE1	1365
Front contact NO + NC	GVAE11 	1665
	GVAE20	1840
Side contact NO + NC	GVAN11 	2010
	GVAN20	2010
Fault signalling contact + 1NO contact ⁽²⁾	GVAD1010 	2620
Fault signalling contact + 1NC contact ⁽²⁾	GVAD1001	2620
Short circuit signalling contact block 1 C/O	GVAM11	2505
Under voltage trip	110 ... 115V 50Hz GVAU115	5320
	220 ... 240V 50Hz GVAU225	4785
	380 ... 400V 50Hz GVAU385	4785
Shunt trip	110 ... 115V 50Hz GVAS115	4785
	220 ... 240V 50Hz GVAS225	4785
	380 ... 400V 50Hz GVAS385	4785
Additive limiter for increasing breaking capacity to 100kA for GV2ME and GV2P.	GV1L3	7715
Connection block - GV2 with contactor LC1-D09...D38	GV2AF3	935
Connection block - LS1 D32 or GV2 with Contactor LC1-K or LP1-K	GV2AF01	1015
Empty enclosure for GV2ME - plastic	GV2MP02	4475
	GV2MC02	4915

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

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

Busbars

Connection Pitch	No. of Tapoff Points	Reference	Unit MRP [₹]
For GV2			
45 mm	2	GV2G245	2635
	4	GV2G445	4145
54 mm	2	GV2G254	2395
	3	GV2G354	2685
	4	GV2G454	3365
	5	GV2G554	3645
72 mm	4	GV2G472	4125

Description	Reference	Unit MRP [₹]
Accessories for Busbars		
Terminal block - to supply one or more 3-pole busbar GV2	GV2G05	5170
Protective end covers for unused busbar outlets	GV1G10	910
Terminal block for connection from top	GV1G09	2700

Accessories for Motor Circuit Breakers

Description	Reference	Unit MRP [₹]
For GV2-P/GV2-L		
External operator - IP54, Black	GV2APN01 	4745
External operator - IP54, Yellow/Red	GV2APN02	8835
For GV3P/GV3L		
Auxiliary Contacts		
Front contact: 1 NO (fault) + 1NC (Auxiliary)	GVAED011	1730
Front contact: 1 NO (fault) + 1NO (Auxiliary)	GVAED101	1900
Busbar		
3-pole, 3 tap, 64 mm pitch	GV3G364	2530
S-shape bus bar	GV3S	1895
External Operator		
IP54, Black	GV3APN01	5720

Note: All other accessories are same as of GV2.

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

Description	Operating Voltage	Reference	Unit MRP [₹]
For GV5 and GV6			
Clip-on connector - upto 150 A - 1.5...95 mm ²	-	GV7AC021	1655
Clip-on connector- upto 220 A - 1.5...185 mm ²	-	GV7AC022	2280
Front rotary handle GV7AP GV7R - black handle ⁽²⁾	-	GV7AP01	11995
Terminal shields IP405 ⁽¹⁾	-	GV7AC01	4265

(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.

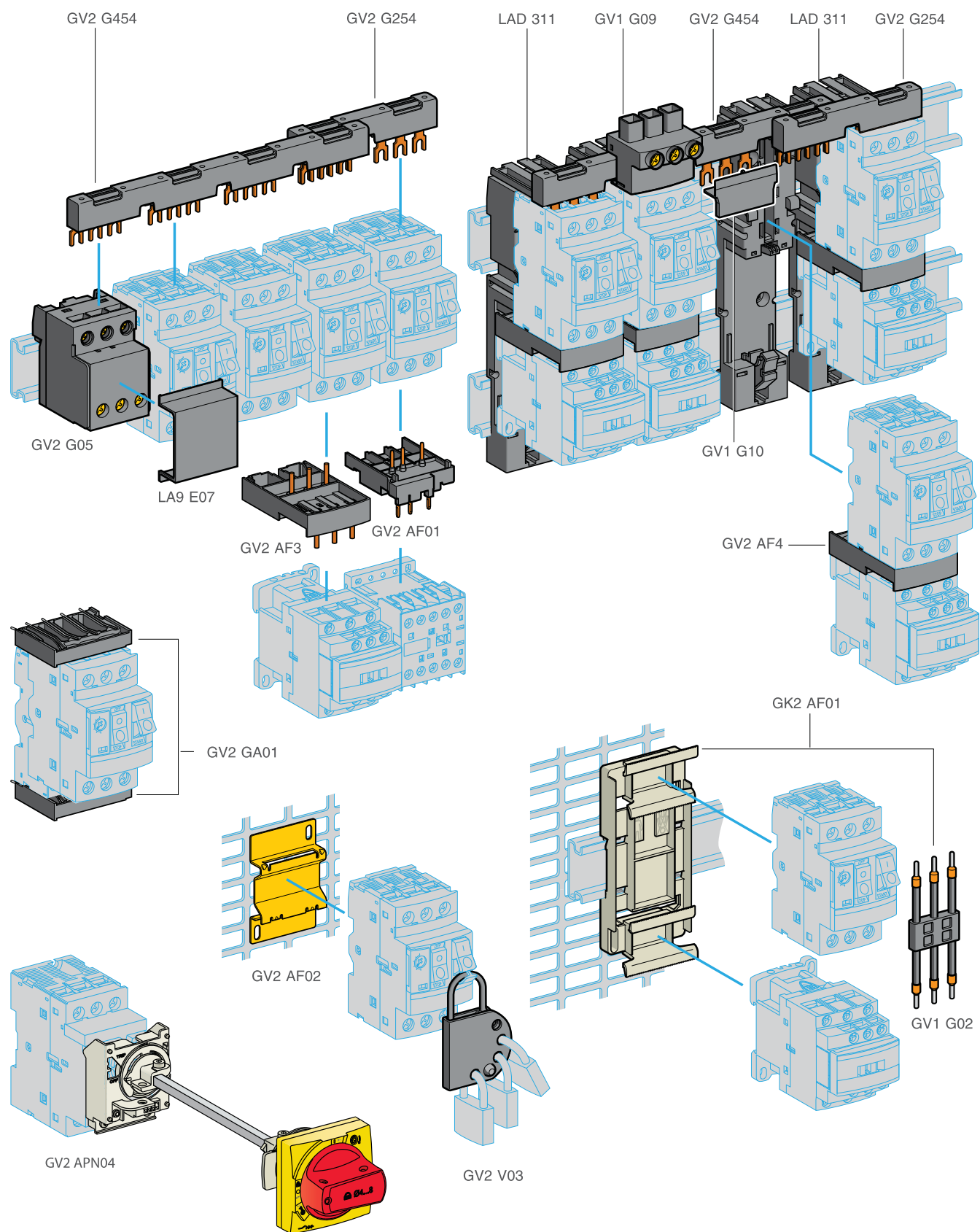
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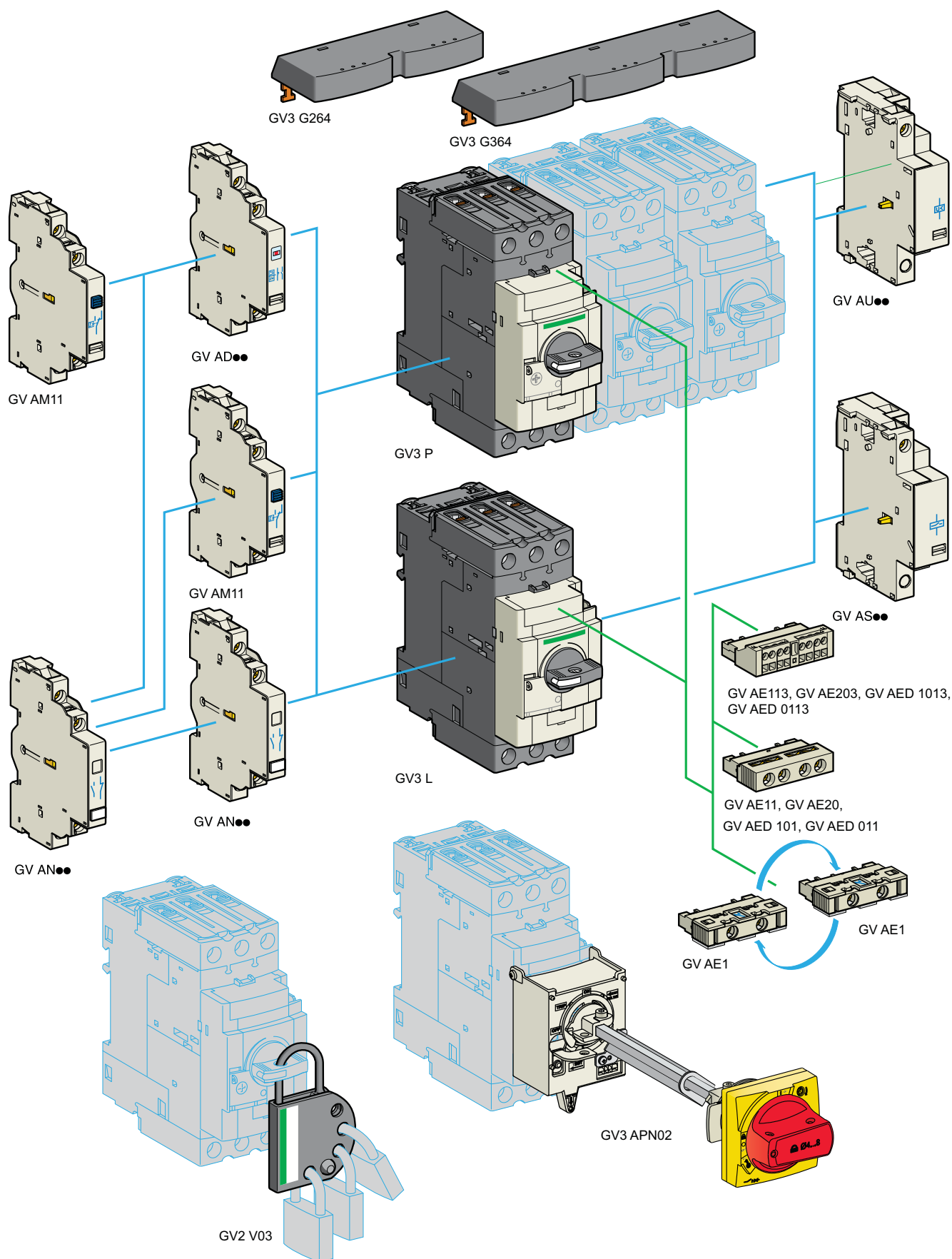
TeSys

Accessories compatibility



TeSys

Accessories compatibility



TeSys Control

TeSys Switches

Vario Switch Disconnectors

[Ithe] Conventional Thermal Current**	Poles Description	Rated Operational Power (AC-23)*	Reference	Unit MRP [₹]
Complete Enclosed Switches				
• Range 12 to 175A, IP 65 Sealable and Lockable				
10	3P	4 kW	VCF02GE	4620
16	3P	5.5 kW	VCF01GE	5020
20	3P	7.5 kW	VCF0GE	6110
25	3P	11 kW	VCF1GE	6550
32	3P	15 kW	VCF2GE	7675
50	3P	22 kW	VCF3GE	11870
63	3P	30 kW	VCF4GE	13890

* Rated Power at 415V

** Ith in enclosure

For Switch Type (Amps)	Mounting Arrangement	Ingress	Reference	Unit MRP [₹]
Operators (Padlockable)				
12 - 40	4 Screw Fixing	IP65	KCF1PZ	1365
63 - 80	4 Screw Fixing	IP65	KCF2PZ	1445
125 - 175	4 Screw Fixing	IP40	KCF3PZ	5845

Vario Switch Disconnectors

[Ithe] onventional Thermal Current**	Poles Description	Reference	Unit MRP [₹]
Complete Switch with Padlockable Operator			
• Suitable for Front Mounting or Base Mounting			
12	3P	VCF02	2900
20	3P	VCF01	3155
25	3P	VCF0	3680
32	3P	VCF1	3855
40	3P	VCF2	4780
63	3P	VCF3	10015
80	3P	VCF4	8105
125	3P	VCF5	18575
175	3P	VCF6	22515

Switch Bodies

12	V02	1890
20	V01	2180
25	V0	2590
32	V1	3155
40	V2	3855
63	V3	5370
80	V4	7060
125	V5	14325
175	V6	18290

Accessories

Description	For Use with Switch Bodies	Rating in A	Pole Composition	Earth Contact	Auxiliary Contacts	Reference	Unit MRP [₹]
Vario Add-on Modules ⁽¹⁾							
Main Pole Module	V02/VCF02	12	1P	-	-	VZ02	1355
	V01/VCF01	20	1P	-	-	VZ01	1375
	V0/VCF0	25	1P	-	-	VZ0	1470
	V1/VCF1	32	1P	-	-	VZ1	1430
	V2/VCF2	40	1P	-	-	VZ2	1535
	V3/VCF3	63	1P	-	-	VZ3	1995
	V4/VCF4	80	1P	-	-	VZ4	1995
Neutral Pole Module ⁽²⁾	V02 / VCF02 to V2 / VCF2	-	1N	-	-	VZ11	1650
	V3 / VCF3 to V4 / VCF4	-	1N	-	-	VZ12	2205
	V5 / VCF5 to V6 / VCF6	-	1N	-	-	VZ13	4555
Earthing Module	V02 / VCF02 to V2 / VCF2	-	-	-	-	VZ14	1620
	V3 / VCF3 to V4 / VCF4	-	-	1	-	VZ15	1915
	V5 / VCF5 to V6 / VCF6	-	-	1	-	VZ16	2975
Auxiliary Contact Block Module	V02/ VCF02 to V6 / VCF6	-	-	-	1NO + 1NC	VZ7	1695
	V2/ VCF02 to V6 / VCF6	-	-	-	2NO	VZ20	1695

(1) For mounting option of modules, please refer to the technical catalogue.

(2) With early make and late break contacts

Description	For Use With	Reference	Unit MRP [₹]
Components for Door Interlocking			
Shaft extension - for Mini-VARIO and VARIO - V02..V2	V02...V2	VZ17	1620
	V02...V2	VZ30	1915
Shaft extension - for Mini-VARIO and VARIO - V3 V4 V5 V6	V3, V4, V5, V6	VZ18	1915
	V3, V4, V5, V6	VZ31	2180
Door interlock plate	VZ17 / VZ30	KZ32	580
	VZ18/31	KZ74	995
Input Terminal Protection Shrouds			
Terminal Shrouds	V02 - V2	VZ8	550
	V3 - V4	VZ26	480
	V3 - V4	VZ9	575
	V5 - V6	VZ27	480
	V5 - V6	VZ10	725
	V02 - V6	VZ28	810
	V02 - V6	VZ29	665

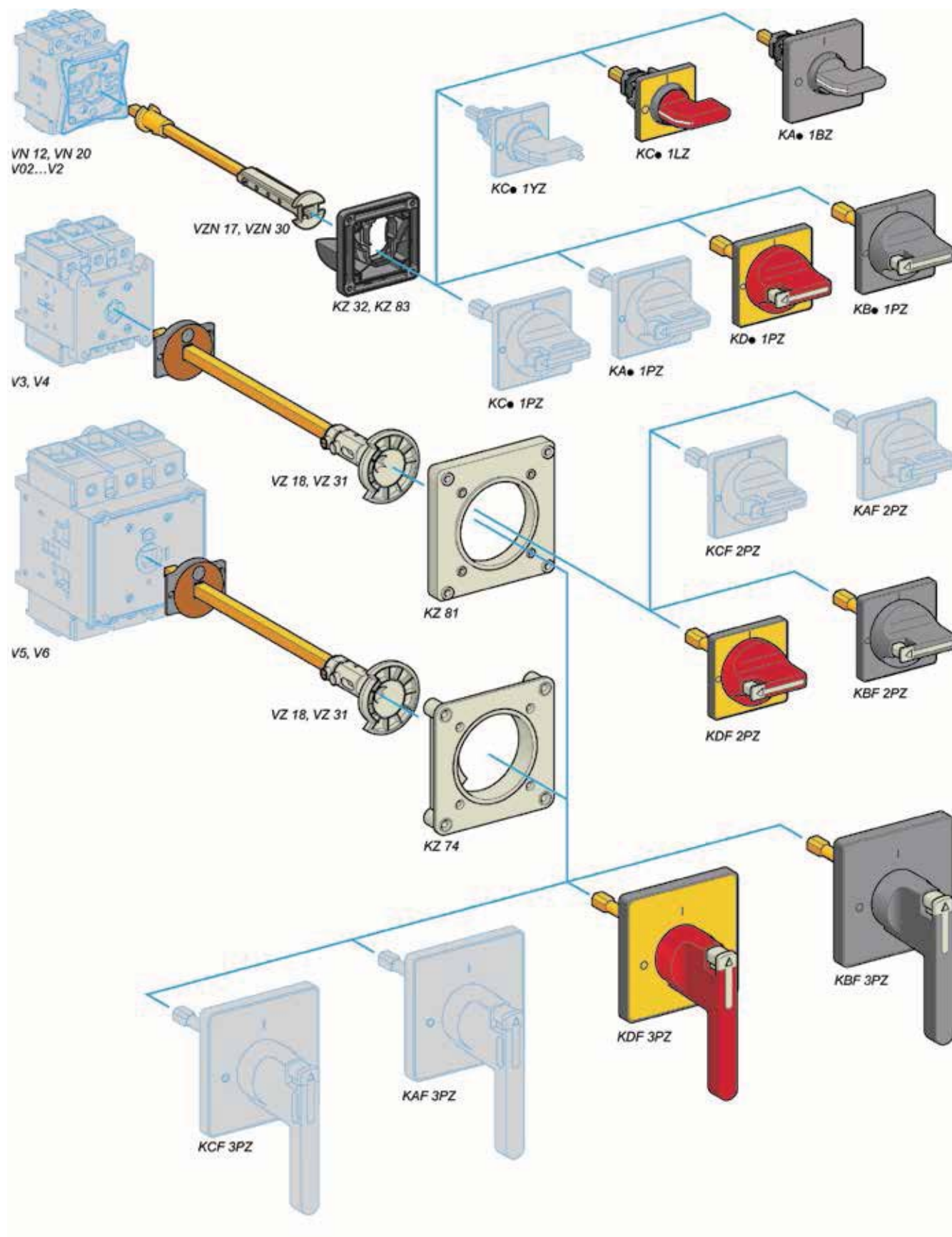
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TeSys Control

Accessories for Switches





Smarter Load Management with TeSys Island

The Key to Unprecedented Efficiency

Digital Load Manager

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

Industry 4.0

Predictive Maintenance

Cyber Secure



TeSys Active

TeSys Island

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

Motor Protection

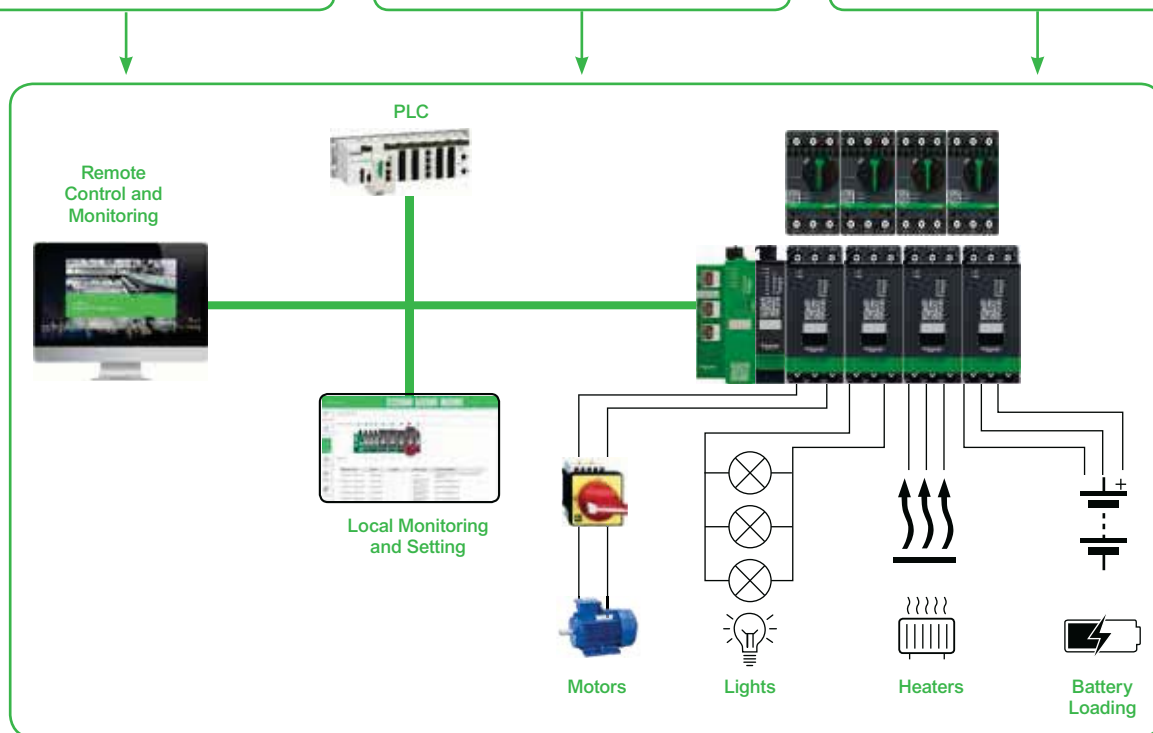
- Motor Overload
- Over/Under Current
- Jam/Stall
- Long Start
- Rapid Restart Lockout

Upstream Protection

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

Analytics

- Health Diagnostic
- Energy Management
- Demand Management



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

*Architecture shown above is only for graphical representation

TeSys Control

Ultra motor starters

Introduction

From traditional
solution



Ultra motor starter- All in one
block for advance protection

Motor circuit breaker:
GV2L



Magnetic protection
> short-circuit protection

Contactor:
LC1D



Control
> Start /Stop

Status monitoring
> signaling
> alarm monitoring

Protection relay:
LRD



Thermal protection
> overload

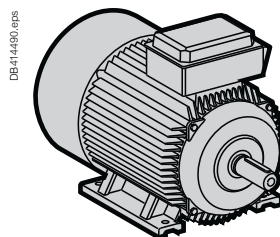


Ultra motor starter

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

and more...

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



**Ultra motor
starters**

can be used in

80 %

of motor protection
and control
applications.

TeSys Control

Ultra motor starters



Power Base

For assembling components, ON/OFF operation and resetting.
 > 3 power bases:
 upto 12A and upto 38A
 > Direct starter and reversing starter models.

- Total Coordinated Starter – 3 functions in a single device
- Compact Starter, DOL / RDOL upto 18.5kW (38A, AC-3) in 45mm width
- Direct connectivity to Modbus / Profibus / CANopen / DeviceNet
- Higher switching life - 15Million operations, 2Million AC-43 electrical life
- Breaking capacity upto 130kA

Control Unit

Performs all the electrical protection functions to cover main applications from 0 to 38A.

Some of these also provide advanced measurement, alarm and display functions.

4 simple function modules

Thermal overload alarm Indication of motor load
 Thermal overload signalling and manual reset
 Thermal overloaded signalling and automatic or remote reset.

4 communication modules

Profibus DP
 CANopen
 DeviceNet
 Modbus.

40%

“TeSys solutions allow us to reduce the size of our enclosure”
 says a panel builder from the water treatment sector

60%

“Late customization means that we can build 60% of the panels, even though the project design has not yet been completed”
 says an engineer in a food processing industry

Quick Selection

Select 1	+	Select 1	Optional	or	Optional	or	Optional																																																																																																															
Base Power Unit Non-Reversing <table><tr><td>LUB</td><td>120</td></tr></table><table><tr><td>0... 12A with terminal</td><td>12</td></tr><tr><td>0... 12A no terminal</td><td>120*</td></tr><tr><td>0... 32A with terminal</td><td>32</td></tr><tr><td>0... 32A no terminal</td><td>320*</td></tr><tr><td>0... 38A with terminal</td><td>38</td></tr><tr><td>0... 38A no terminal</td><td>380*</td></tr></table> Reversing <table><tr><td>LU2B</td><td>120</td><td>BL</td></tr></table><table><tr><td>0... 12A with terminal</td><td>12</td></tr><tr><td>0... 12A no terminal</td><td>120*</td></tr><tr><td>0... 32A with terminal</td><td>32</td></tr><tr><td>0... 32A no terminal</td><td>320*</td></tr><tr><td>0... 38A with terminal</td><td>38</td></tr><tr><td>0... 38A no terminal</td><td>380*</td></tr><tr><td>24 V DC</td><td>BL</td></tr><tr><td>24 V AC</td><td>B</td></tr><tr><td>48...72 VAC or 48 VDC</td><td>ES</td></tr><tr><td>110...240 VAC/DC</td><td>FU</td></tr></table> *prewired cables to be ordered separately	LUB	120	0... 12A with terminal	12	0... 12A no terminal	120*	0... 32A with terminal	32	0... 32A no terminal	320*	0... 38A with terminal	38	0... 38A no terminal	380*	LU2B	120	BL	0... 12A with terminal	12	0... 12A no terminal	120*	0... 32A with terminal	32	0... 32A no terminal	320*	0... 38A with terminal	38	0... 38A no terminal	380*	24 V DC	BL	24 V AC	B	48...72 VAC or 48 VDC	ES	110...240 VAC/DC	FU	Control Unit <table><tr><td>LUC</td><td>B</td><td>X6</td><td>BL</td></tr></table><table><tr><td>Class 10, 3Ph</td><td>B</td></tr><tr><td>Class 10, 1Ph</td><td>C</td></tr><tr><td>Class 20, 3Ph</td><td>D</td></tr><tr><td>0.15 to 0.6 A</td><td>X6</td></tr><tr><td>0.35 to 1.4 A</td><td>1X</td></tr><tr><td>1.25 to 5 A</td><td>05</td></tr><tr><td>3 to 12 A</td><td>12</td></tr><tr><td>4.5 to 18 A</td><td>18</td></tr><tr><td>8 to 38 A</td><td>38</td></tr><tr><td>24V DC</td><td>BL</td></tr><tr><td>24VAC</td><td>B</td></tr><tr><td>48...72 VAC/48 VDC</td><td>ES</td></tr><tr><td>110...240VAC/DC</td><td>FU</td></tr></table>	LUC	B	X6	BL	Class 10, 3Ph	B	Class 10, 1Ph	C	Class 20, 3Ph	D	0.15 to 0.6 A	X6	0.35 to 1.4 A	1X	1.25 to 5 A	05	3 to 12 A	12	4.5 to 18 A	18	8 to 38 A	38	24V DC	BL	24VAC	B	48...72 VAC/48 VDC	ES	110...240VAC/DC	FU	Communication Module* <table><tr><td>LULC</td><td>033</td></tr></table><table><tr><td>Modbus Serial</td><td>033</td></tr><tr><td>Profibus DP</td><td>07</td></tr><tr><td>CANopen</td><td>08</td></tr><tr><td>DeviceNet</td><td>09</td></tr></table> Prewired Cables <table><tr><th>Description</th><th>Reference</th></tr><tr><td>Prewired cable for non-reversing power base</td><td>LU9BN11C or LU9BN11L</td></tr><tr><td>Prewired cable for reversing power base</td><td>LU9MRC or LU9MRL</td></tr></table>	LULC	033	Modbus Serial	033	Profibus DP	07	CANopen	08	DeviceNet	09	Description	Reference	Prewired cable for non-reversing power base	LU9BN11C or LU9BN11L	Prewired cable for reversing power base	LU9MRC or LU9MRL	Function Module <table><tr><td>LUF</td><td>DH11</td></tr></table><table><tr><td>Fault diff. with manual reset</td><td>DH11</td></tr><tr><td>Fault diff. with auto reset</td><td>DA10</td></tr><tr><td>Thermal overload pre-alarm</td><td>W10</td></tr><tr><td>Motor load indication (4-20mA)</td><td>V2</td></tr></table>	LUF	DH11	Fault diff. with manual reset	DH11	Fault diff. with auto reset	DA10	Thermal overload pre-alarm	W10	Motor load indication (4-20mA)	V2	Auxiliary Contacts Contactor auxiliary contacts <table><tr><td>LUFN</td><td>11</td></tr></table><table><tr><td>1NO + 1NC</td><td>11</td></tr><tr><td>2NC</td><td>02</td></tr><tr><td>2NO</td><td>20</td></tr></table> Side contacts 2NO LUA8E20 Power auxiliary contacts (trip status) <table><tr><td>LUA1C</td><td>20</td></tr></table><table><tr><td>1NO + 1NC</td><td>11</td></tr><tr><td>2NO</td><td>20</td></tr></table>	LUFN	11	1NO + 1NC	11	2NC	02	2NO	20	LUA1C	20	1NO + 1NC	11	2NO	20	Accessories <table><tr><th>Description</th><th>Reference</th></tr><tr><td>Line spacer for UL508 Type E</td><td>LU9SPO</td></tr><tr><td>Current limiter 130kA@460V</td><td>LUALB1</td></tr></table>	Description	Reference	Line spacer for UL508 Type E	LU9SPO	Current limiter 130kA@460V	LUALB1
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*Suitable with 24V DC starter variant only

Note: For prices please contact Customer Care



Wherever productivity is a concern, intelligence to Motor Control is the solution

Give six sense to your conventional motor control center (MCC) with the Intelligent Motor Control Center (iMCC) - through our intelligent relay, TeSys T, which offer enhanced protections and built-in intelligent features!

Tesys T Motor Management Systems

TeSys T Controller:

Intelligent motor controller for 1P/3P Motors with built in CT up to 100Amps with accurate monitoring and protection functions, 6DI, 4DO, 1CBCT input, 1 Temperature probe

Protection Functions:

- Thermal overload
- Phase imbalance and phase overloads
- Temperature monitoring via probes
- Phase reversal
- Ground fault detection
- Long start and Jam protection
- Load shedding
- Load fluctuations
- power factor monitoring

Monitoring Functions:

- Phase and average current
- Line to Line and average voltage
- Motor temperature, ground current
- Active and Reactive Energy
- Frequency & Power Factor
- Detailed Fault history
- Fault counts
- motor statistics

Control Functions:

- Local / Remote / HMI control
- Predefined programs for DOL, RDOL, Star-delta, two-speed starters

Communication:



Quick Selection

TeSys T Controller

Reference				
	LTM R	100	E	BD
Current Range	0.4 - 8 A	08		
	1.35 - 27 A	27		
	5 - 100 A	100		
Network Protocol	Ethernet IP / Modbus TCP/IP		E	
	Modbus		M	
	Profibus DP		P	
Control Voltage	24 V DC			BD
	110-240V AC			FM



TeSys T
Full and Flexible
Intelligent Motor
Management System

TeSys T Accessories

TeSys T Expansion Module^{1,2}



Control Voltage	Reference
24 V DC	LTM EV40BD
110V AC	LTM EV40FM

¹ Required for Voltage & Power measurement
² 4 digital inputs

Connector for Expansion



Length (m)	Reference
0.04	LTMCC004 ³

³ Sold in lots of 6

Ground Fault CT's



Primary [A]	Internal Ø "d" [mm]	Reference
65	30	50437
85	50	50438
160	80	50439
250	120	50440
400	200	50441
630	300	50442

Description	Composition	Reference
Programming software SoMove	1 Program for each PC	On request
PC connecting cable	USB to RS485 Converter	TCSMCNAM3M002P

Operator Control Display



Description	Reference
Operator Control Display with configuration backup	LTM CUF

Controller to Display Cable



Length (m)	Reference
1.0	LTM9CU10
3.0	LTM9CU30

Current Transformers⁴



Primary [A]	Secondary [A]	Reference
100	1	LT6 CT1001
200	1	LT6 CT2001
400	1	LT6 CT4001
800	1	LT6 CT8001

Note: For prices please contact Customer Care



TeSys Tera

Coming
Soon

Experience the enhanced intelligence of your Motor Management System with our new and advanced TeSys Tera.



Sustainable

Versatile

Efficient

Modular

PROFI
BUS

EtherNet/IP

Modbus / TCP

PROFI
NET



All-in-one
Motor protection



On-device programming

With direct-to-device connection, setup and configuration has **never been easier**



Real-time monitoring

Locally or in the cloud, giving open, **cross-platform connectivity**



Enhanced efficiency

through advanced features such as **Load Shedding** and an **Auto Restart** function



Flexible

with pre-configured designs and **plug-and-play**



Connectivity

via common **communication protocols**



More data, less downtime

Detailed diagnostics enables **predictive maintenance** to help you stay online more of the time

Life Is 

Schneider
Electric

Schneider Electric India Pvt. Ltd.

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Cochin

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Alapatt Properties Private Limited
(Trade Name: Centre A)
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(Old Door Number: 40/6584-H)
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Customer Care Centre

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Toll-free numbers: 1800 419 4272, 1800 103 0011
Email: customercare.in@schneider-electric.com

For more information, visit our website at: www.se.com/in

- All Prices are in Indian Rupees
- Prices are subject to change without prior notice
- Product evolution is a continuous process and Schneider Electric reserves the right to modify/withdraw any product at any time without prior notice
- Prices charged will be as prevailing on the date of dispatch
- Invoice Amount = (MRP – less Applicable discount) + Applicable GST %
- Tax incidence on invoices is basis applicable GST rates
- Invoice amount not to exceed MRP
- Product pictures shown are for illustration purpose only; actual product may vary
- Kindly refer product datasheet for detailed specification

Distributor