

Best in class industrial control





Harmony

Designed for ease of use

The Harmony range is characterised by extreme robustness, refined ergonomics and maximum installation simplicity, this extensive range of devices provides ideal solutions for all your applications.



Pushbuttons and Selector Switches

Suitable for 22mm diameter cutout



- IP65 degree of protection
- Double insulated plastic construction
- XB7 single unit lamps use long life super bright LED modules
- ZB5 units, select head and body (ZB5AZ101/2) to create a complete unit

Description	Reference
Red pushbutton head	ZB5AA4
Green pushbutton head	ZB5AA3
Black pushbutton head	ZB5AA2
2 position stayput selector switch head	ZB5AD2
3 position stayput selector switch head	ZB5AD3
Body with 1 Normally Open contact block (for use with any ZB5A head)	ZB5AZ101
Body with 1 Normally Closed contact block (for use with any ZB5A head)	ZB5AZ102
Pack of 5 additional 1 N/O Contact block (can be added to ZB5AZ101/102)	ZBE101
Pack of 5 additional 1 N/C Contact block (can be added to ZB5AZ101/102)	ZBE102
2 Position stayput keyswitch head	ZB5AG2
Trigger action latching, turn to release 30mm e.stop pushbutton head	ZB5AS834
Red Super Bright LED lamp 24V DC / 24V AC	XB7EV04BP
Red Super Bright LED lamp 110V AC	XB7EV04GP
Red Super Bright LED lamp 230 / 240 V AC	XB7EV04MP
Green Super Bright LED lamp 24V DC / 24V AC	XB7EV03BP
Green Super Bright LED lamp 110V AC	XB7EV03GP
Green Super Bright LED lamp 230 / 240 V AC	XB7EV03MP
Control station	
Start / stop pushbutton control station. Start button has 1 N/O contact, stop has 1 N/C contact.	XALD213
Raise / lower 2 pushbutton control station. Each direction button has 1 N/O contact	XALD222
Raise / lower / stop control station. Each direction button has 1 N/O contact, stop has 1 N/C contact	XALD324
Trigger action latching, turn to release 40mm e.stop control station, 1 N/C contact	XALK178
Empty Enclosure Single hole	XALD01
Empty Enclosure Two hole	XALD02
Empty Enclosure Three hole	XALD03



TeSys Vario

Safety switch disconnectors

More foresight for better prevention

A range of safety control products which are simple to use and set up, with compact ergonomic products to meet requirements for starting or stopping motors. Suitable for all machine applications requiring direct-on-line (DOL) starting or stopping of motors, and load breaking of the machine control circuit.

Enclosed switch disconnectors - TeSys Vario



- 3-pole main and Emergency stop switch disconnectors
- Padlockable rotary handle
- Additional neutral pole can be fitted to 32, 50 and 63A versions

Thermal current I _{the} A	IP rating	Power AC-23 400V kW	Reference
Additional neutral pole for VCF2GE			VZ11
Additional neutral pole for either VCF3GE or VCF4GE			VZ12
20A	IP55	7.5kW	VCFN25GE
32A	IP65	15kW	VCF2GE
50A	IP65	22kW	VCF3GE
63A	IP65	30kW	VCF4GE

TeSys D

Contactors take control of integration

Our new look TeSys D contactor offers you quick simple setup, while maintaining a compact size of 45 and 55 mm (40 to 65 A) as well as compliance with international standards.



- AC, DC, low-consumption DC control circuit
- All types of starter: reversing or non-reversing, star/delta, by auto-transformer, etc
- Screw terminals for fast and easy assembly
- Everlink provides an easy and simple direct mounting between contactor and circuit breaker. It assures a permanent tightening quality even in the event of conductor creep.

AC3 rating	Connection	AC1 rating	Coil	Description	Reference
9A		25A	24V AC	3 Pole Contactor	LC1D09B7
9A		25A	230-240V AC	3 Pole Contactor	LC1D09P7
9A		25A	110V AC	3 Pole Contactor	LC1D09F7
18A		32A	24V AC	3 Pole Contactor	LC1D18B7
18A		32A	230-240V AC	3 Pole Contactor	LC1D18P7
18A		32A	110V AC	3 Pole Contactor	LC1D18F7
32A		50A	24V AC	3 Pole Contactor	LC1D32B7
32A		50A	230-240V AC	3 Pole Contactor	LC1D32P7
32A		50A	110V AC	3 Pole Contactor	LC1D32F7
40A		60A	110V AC	3 Pole Contactor	LC1D40AF7
40A	Everlink	60A	415V AC	3 Pole Contactor	LC1D40AN7
N/A		25A	24V AC	4 Pole Contactor	LC1DT25B7
N/A		25A	230-240V AC	4 Pole Contactor	LC1DT25P7
N/A		40A	24V AC	4 Pole Contactor	LC1DT40B7
N/A		40A	230-230V AC	4 Pole Contactor	LC1DT40P7

Safe and effective protection

TeSys LRD has integrated manual-automatic reset and simple installation in screw clamp terminals. These thermal overload relays also provide a test trip button for fast fault diagnostics. They can be combined with TeSys D contactors to form an extremely compact starter.

TeSys D overloads for use with LC1D 3 pole contactors

and for LE*GBT***7 enclosed starters



- Sealable hinged setting cover
- Manual or automatic reset
- Test button
- Direct mounting beneath contactor

Adjustment range

1.6 to 2.5A

2.5 to 4A

4 to 6A

5.5 to 8A

7 to 10A

9 to 13A

12 to 18A

16 to 24A

23 to 32A

30 to 40A (for contactors LC1D**A*7 only)

37 to 50A (for contactors LC1D**A*7 only)

Connection

Everlink

Everlink

Reference

LRD07

LRD08

LRD10

LRD12

LRD14

LRD16

LRD21

LRD22

LRD32

LRD340

LRD350



TeSys LE

Simple to choose, install and use

A range of compact motor starters, ideal for small 3 Phase motors up to 7.5kW at 400V, the TeSys LE1M is ready fitted with a thermal overload relay for fast installation and minimal wiring.

Compact motor starters - TeSys LE



- Non-reversing D.O.L. starters
- Self extinguishing ABS construction
- IP65 degree of protection
- LR2K thermal overload pre-fitted

Motor power AC-3 415V kW	Overload setting range A	Coil voltage	Reference
0.75	1.8 - 2.6	415	LE1M35N708
1.5	2.6 - 3.7	415	LE1M35N710
2.2	3.7 - 5.5	415	LE1M35N712
3	5.5 - 8	415	LE1M35N714
4	8 - 11.5	415	LE1M35N716
5.5	10 - 14	415	LE1M35N721
7.5	12 - 16	415	LE1M35N722

TeSys Enclosed Motor Starters

Direct-On-Line (DOL) and Star/Delta

TeSys LE1GB (DOL), LE2GB (reversing DOL) and LE3GB (Automatic Star/Delta) enclosed motor starters. LE*GB range is completed by a selection of a separate LRD overload relay based on motor full load current. For a Star/Delta starting, select the overload relay based on motor load current x0.58.



- Rugged enclosed 3 phase starters with robust steel chassis and tough polycarbonate cover with or without switch disconnect
- IP65 degree of protection
- Supplied without thermal overload, select overload adjustment range to suit motor rating

Maximum mo- tor power AC-3 415V kW	Max cur- rent Ie A	Coil voltage	Description	Reference	Overload type (Select separately) Note: Star delta overload based on 0.58 x motor current
11kW	25	240	DOL	LE1GBT011U7	LRD**
11kW	25	415	DOL	LE1GBT011N7	LRD**
11kW	25	240	DOL with switch disconnect	LE1GBTS11U7	LRD**
11kW	25	415	DOL with switch disconnect	LE1GBTS11N7	LRD**
11kW	25	240	Reversing DOL with switch disconnect	LE2GBTS11U7	LRD**
11kW	25	415	Reversing DOL with switch disconnect	LE2GBTS11N7	LRD**
11kW	25	240	Star delta starter with switch disconnect	LE3GBTS11U7	7.5kW select LRD14, 9-11kW select LRD16
11kW	25	415	Star delta starter with switch disconnect	LE3GBTS11N7	7.5kW select LRD14, 9-11kW select LRD16
22kW	40	240	Star delta starter with switch disconnect	LE3GBTS22U7	15kW select LRD21, 18.5 - 22kW select LRD22
22kW	40	415	Star delta starter with switch disconnect	LE3GBTS22N7	15kW select LRD21, 18.5 - 22kW select LRD22

Please ask at the trade counter for these enclosed starters.

Easy relay solutions

Easy, Everywhere, Everyday.

Discover Zelio relays, combining simplicity, reliability and availability to make your life easier.

Simple selection within a wide offer range, one stop shopping covering all coil voltages.

A test button allows the simulation of changed contact state in-conjunction with visual flag indication. Quick & easy relay removal from the base is assured by way of a unique casing.

Plug in relays



- Circular and rectangular pin types
- 8, 11 or 14 pin, 2 / 3 / 4 pole change over contacts
- Bases sold separately, select 8, 11 or 14 pin base to match relay

Description	Pin type	Coil	Reference
8 pin relay 2PCO	Circular	12V DC coil	RUMC21JD
8 pin relay 2PCO	Circular	24V DC coil	RUMC21BD
8 pin relay 2PCO	Circular	24V AC coil	RUMC21B7
8 pin relay 2PCO	Circular	110V AC coil	RUMC21F7
8 pin relay 2PCO	Circular	230-240V AC coil	RUMC21P7
8 pin relay 2PCO base			RUZC2M
11 pin relay 3PCO	Circular	12V DC coil	RUMC31JD
11 pin relay 3PCO	Circular	24V DC coil	RUMC31BD
11 pin relay 3PCO	Circular	24V AC coil	RUMC31B7
11 pin relay 3PCO	Circular	110V AC coil	RUMC31F7
11 pin relay 3PCO	Circular	230-240V AC coil	RUMC31P7
11 pin relay 3PCO base			RUZC3M
14 pin relay 4PCO	Flat	24V DC coil	RXM4AB2BD
14 pin relay 4PCO	Flat	24V AC coil	RXM4AB2B7
14 pin relay 4PCO	Flat	110V AC coil	RXM4AB2F7
14 pin relay 4PCO	Flat	230-240V AC coil	RXM4AB2P7
14 pin relay 4PCO base			RXZE2S114M
14 pin relay retaining clip			RXZ400

For all products shown in this document:

The installation, commissioning, operation and maintenance of electrical equipment may only be performed by qualified personnel. Schneider Electric assumes no liability for the consequences arising from misuse of these products.

About Schneider Electric

Schneider Electric is the global specialist in energy management and automation. With revenues of €25 billion in FY2014, our 170,000 employees serve customers in over 100 countries, helping them to manage their energy and process in ways that are safe, reliable, efficient and sustainable. From the simplest of switches to complex operational systems, our technology, software and services improve the way our customers manage and automate their operations. Our connected technologies reshape industries, transform cities and enrich lives. At Schneider Electric, we call this Life Is On.

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