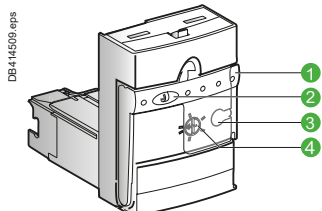


TeSys Control

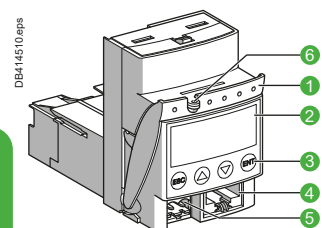
Ultra motor starters - Control units

Product references



LUCB●●●●, LUCC●●●●, LUCD●●●● control units

- 1 Extraction and locking.
- 2 Handle sealing of locking.
- 3 Handle
- 4 Ir adjustment dial test push button.



LUCM●●BL control unit

- 1 Extraction and locking handle.
- 2 Built-in LCD display (2 lines, 12 characters).
- 3 4 button keyboard.
- 4 RJ45 connector for RS485 Modbus communication
- 5 Connector for external 24 V DC power supply.
- 6 Sealing of locking handle.

Control units for power bases with advanced control

LUCB, LUCC, LUCD control and diagnostic units

Motor protection, fault diagnostic.

Protection against

- overload: $14.2 \times I_r$ (setting current).
- Simulation of an overload by depressing the test push button.
- short circuit: $13 \times I_r$ max (max setting current).
- missing or unbalanced phases.

Overload alarm management:

- locally: with one of the LUF family module
- Remotely: with LULC031, LULC033, LULC07, LULC08, LULC09 or LULC15 (thermal alarm only) communication module.

Reset:

- manual
- automatic, with a communication module.

LUCM multifunctional control unit

Motor protection, operational values display and diagnostic.

To be associated with 24 V DC coil only.

LUCM●●BL: tripping class 5 to 30, single phase, three phase

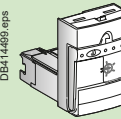
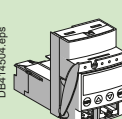
Same functions as LUCB●●●● with complementary functions:

- in working mode: display of electrical values, setting parameters and events
- in configuration mode: display of protection and alarm settings.

These functions are available for local display on a display panel, and for remote display via a RJ45 Modbus connector.

LUCM is not compatible with LUB38.

Note: a 24 V DC power supply is required during the configuration process.

Maximum standardized power ratings of 3 phases motors 50/60 Hz					Lip_in mounting on the power base - Rating		Protection type: - overload - short-circuit - Main power fault - alarm			
400/440 V	500 V	600 V	Setting range							
kW	kW	kW	A	A	Class 10	Class 10	Class 20	Class 5...30		
1P	3P	3P	3P		3P	1P	3P	1 - 3P		
-	0.09	-	-	0.15...0.6	12 and 32	LUCBX6●●	LUCCX6●●	LUCDX6●●	LUCMX6BL	
0.09	0.25	-	-	0.35...1.4	12 and 32	LUCB1X●●	LUCC1X●●	LUCD1X●●	LUCM1XBL	
0.55	1.5	2.2	3	1.25...5	12 and 32	LUCB05●●	LUCC05●●	LUCD05●●	LUCM05BL	
2.2	5.5	5.5	9	3...12	12 and 32	LUCB12●●	LUCC12●●	LUCD12●●	LUCM12BL	
4	7.5	9	15	4.5...18	32	LUCB18●●	LUCC18●●	LUCD18●●	LUCM18BL	
7.5	15	15	18.5	8...32	32	LUCB32●●	LUCC32●●	LUCD32●●	LUCM32BL	
18.5	18.5	22	9.5...38	38	LUCB38●● ⁽¹⁾		LUCD38●● ⁽¹⁾			

Cial. ref. of the control unit: replace dots by the coil code.

Please check the availability of your variant in the index page A4/42. The SEARCH function of your viewer can be used.

Coil voltage (V)	24---	24~	48...72 --- and 48~	110...220 --- and 110...240~
Coil code	BL	B	ES	FU

⁽¹⁾ With BL or FU code only.



LUCM12BL