

TeSys U Universal

Everyday motor starter applications

CONTROL UNIT



POWER BASE

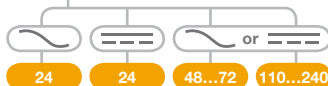


Maximum standard power ratings of 3-phase motors 50/60 Hz

Setting range

Reference to be completed by adding the voltage code

Control circuit voltages



For D.O.L. starting, non-reversing

Instantaneous auxiliary contacts, built-in as standard

For D.O.L. starting, reversing

Reference to be completed by adding the voltage code



Reference

Rating

LUB12

12

1

1

LU2B12..

LUB12

12

1

1

LU2B12..

LUB12

12

1

1

LU2B12..

LUB12

12

1

1

LU2B12..

LUB32

32

1

1

LU2B32..

LUB32

32

1

1

LU2B32..



400/415V	500V	690V
kW		
0,09	-	-
0,25	-	-
1,5	2,2	3
5,5	5,5	9
7,5	9	15
15	15	18,5

A

0,15...0,6

0,35...1,4

1,25...5

3...12

4,5...18

8...32

LUCAX6..

LUCA1X..

LUCA05..

LUCA12..

LUCA18..

LUCA32..

B

B

B

B

B

B

BL

BL

BL

BL

BL

BL

ES

ES

ES

ES

ES

ES

FU

FU

FU

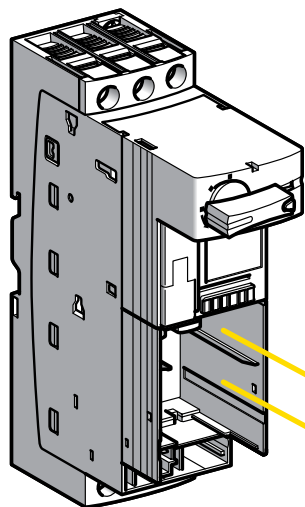
FU

FU

FU

TeSys U Advanced

These options meet your need for advanced or even predictive protection of your machine, equipment or process.



Power base
LUB OR LU2B

Standard control unit

LUCA



Classe 10
3-phase

- Protection against overloads and short-circuits
- Protection against phase failure and phase imbalance
- Earth fault protection (equipment protection only)
- Manual reset

Advanced control unit

LUCB



Classe 10
3-phase

LUCD



Classe 20
3-phase

LUCC



Classe 10
Single-phase

- Functions of the standard control unit
- Combined with a function or communication module:
 - fault differentiation with manual reset,
 - fault differentiation with remote or automatic reset,
 - thermal overload alarm,
 - indication of motor current

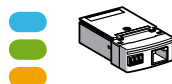
Magnetic control unit

LUCL

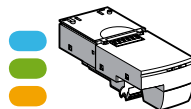


For use in conjunction with variable speed controller

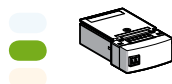
- Short-circuit protection
 - Manual reset
- Motor thermal overload protection must be provided by the Variable Speed Controller or soft starter



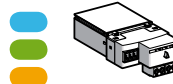
Parallel wiring module
LUFC00



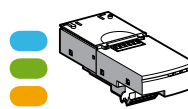
Advantys STB communication
module LULC15



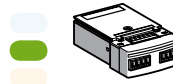
Alarm signalling module
LUFW10



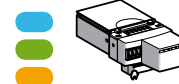
AS-Interface modules
ASILUFC5 and ASILUFC51



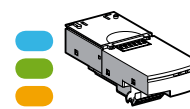
Profibus DP communication
module LULC07



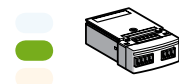
Motor load indication
module (analogue) LUFV



Modbus communication
modules LULC031
and LULC033



DeviceNet communication
module LULC09



Thermal overload signalling
module with manual reset
LUFDH11



CANopen communication
module LULC08



Thermal overload signalling
module with automatic reset
LUFDA01 and LUFDA10