

TeSys U Solution

Ready-to-use solutions
for your specific application

LF1A & LF2A TeSys U AS-Interface enclosed starters

- Reversing and non-reversing starters
- With reflex or without reflex functions



TeSys U in an enclosure for conveying system

Schneider Electric Industries SAS

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ART. 834777

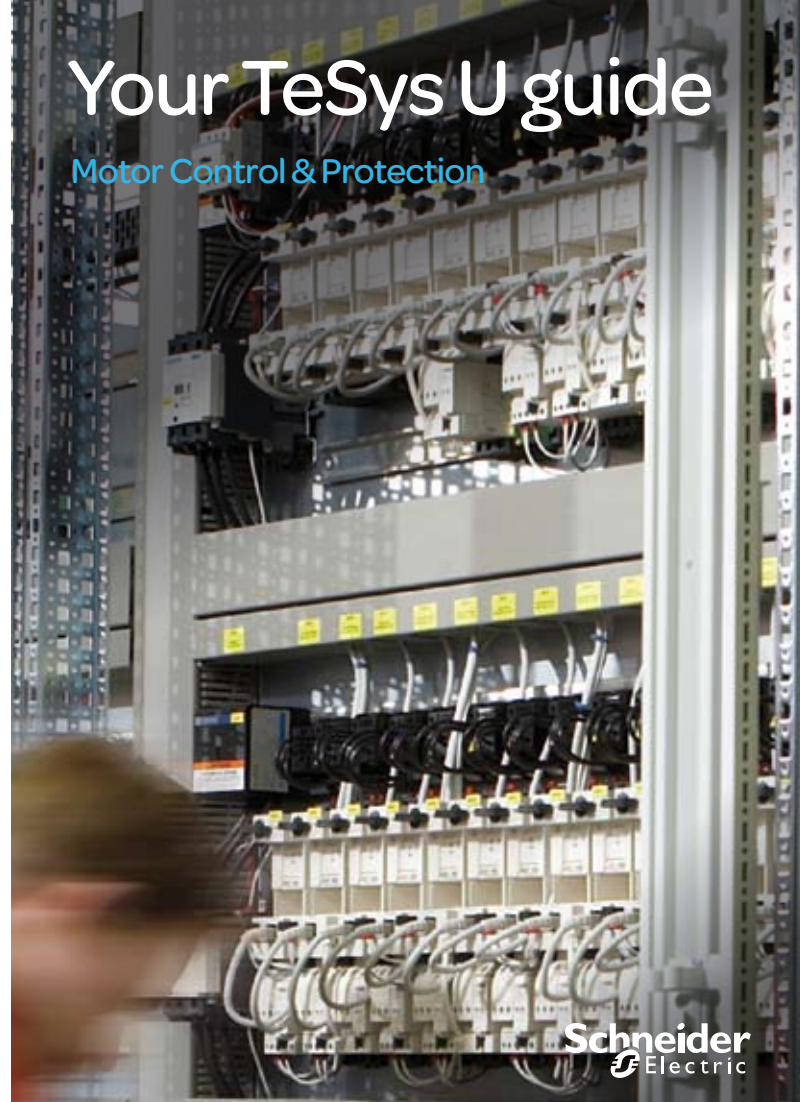
www.schneider-electric.com

03/2008

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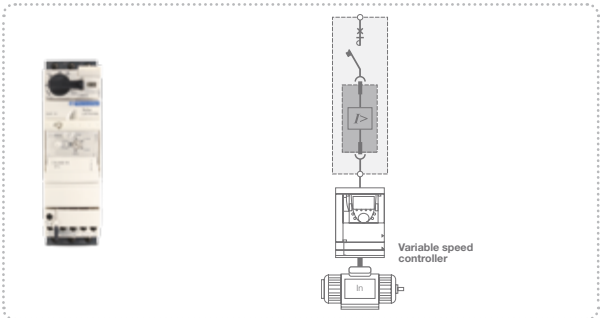
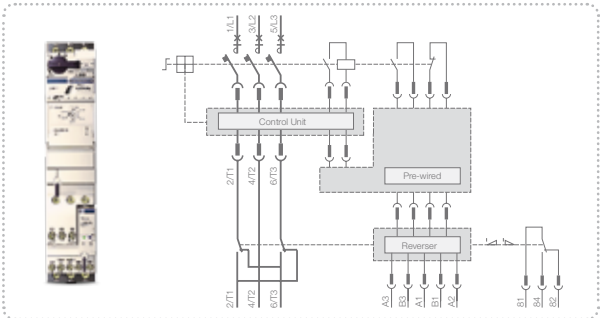
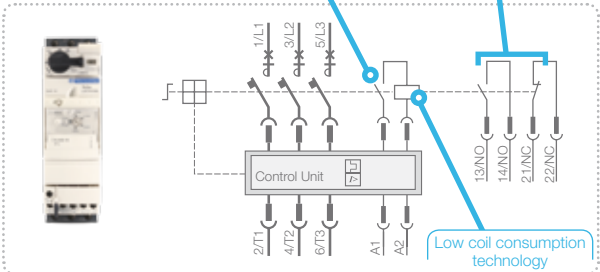
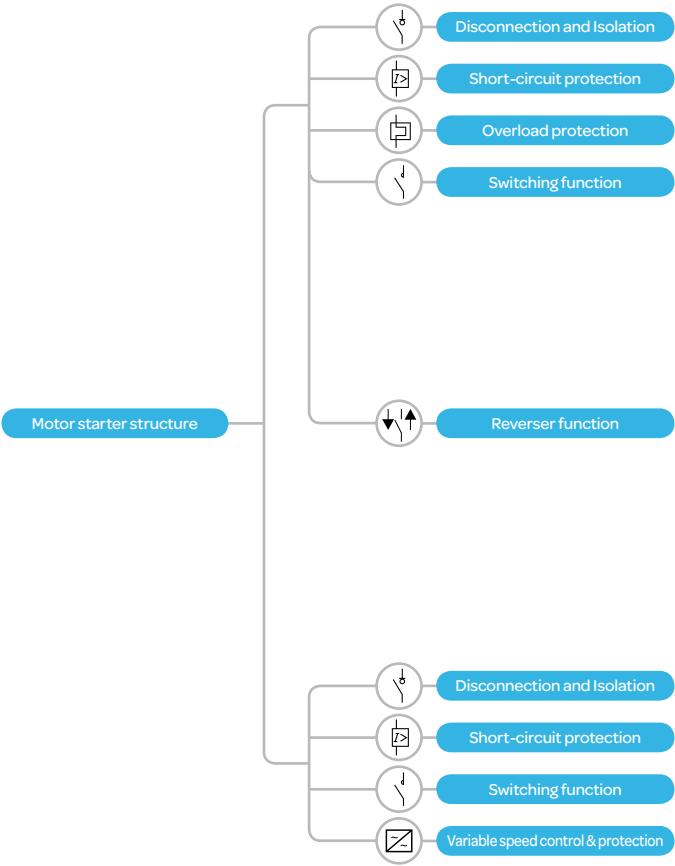
Your TeSys U guide

Motor Control & Protection



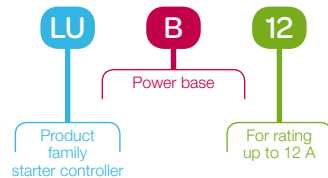
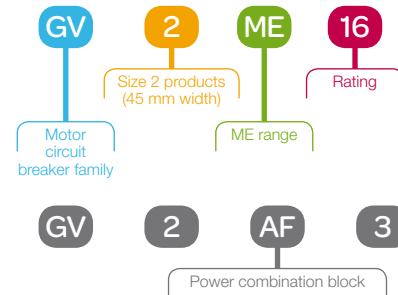
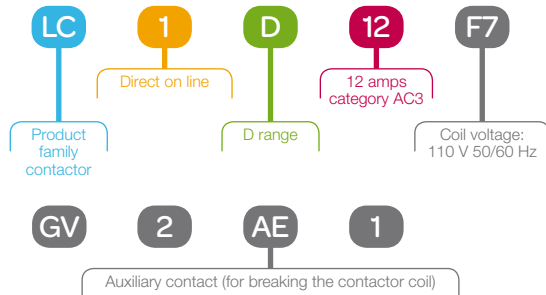
Schneider
Electric

TeSys U Universal



TeSys U Universal

Understanding the commercial references through
a comparison with a conventional motor starter



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			
400/415V	500V	690V				
kW			A			
0,09	-	-	0,15...0,6	LUCA X6..	B	BL ES FU
0,25	-	-	0,35...1,4	LUCA1 X..	B	BL ES FU
1,5	2,2	3	1,25...5	LUCA05..	B	BL ES FU
5,5	5,5	9	3...12	LUCA12..	B	BL ES FU
7,5	9	15	4,5...18	LUCA18..	B	BL ES FU
15	15	18,5	8...32	LUCA32..	B	BL ES FU

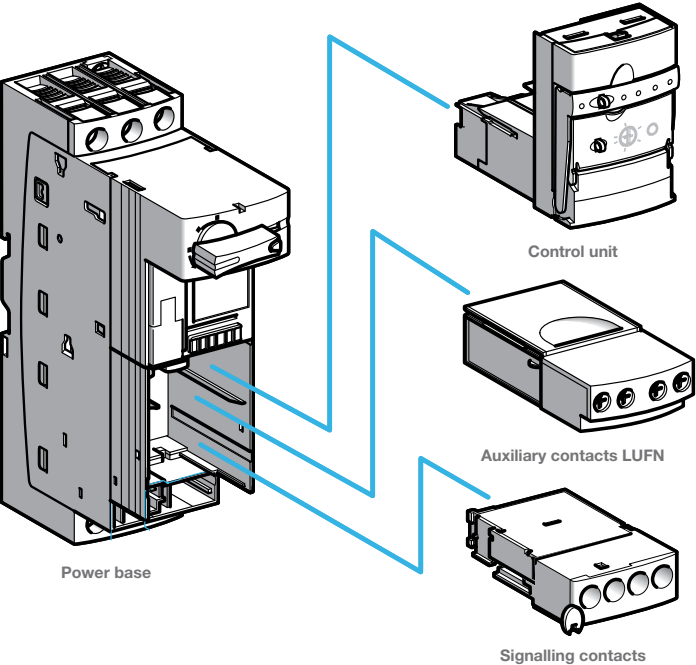


For D.O.L. starting, non-reversing

Instantaneous auxiliary contacts, built-in as standard		For D.O.L. starting, reversing	
		Reference to be completed by adding the voltage code	
Reference	Rating A		
LUB12	12	1	LU2B12..
LUB12	12	1	LU2B12..
LUB12	12	1	LU2B12..
LUB12	12	1	LU2B12..
LUB32	32	1	LU2B32..
LUB32	32	1	LU2B32..



TeSys U Universal



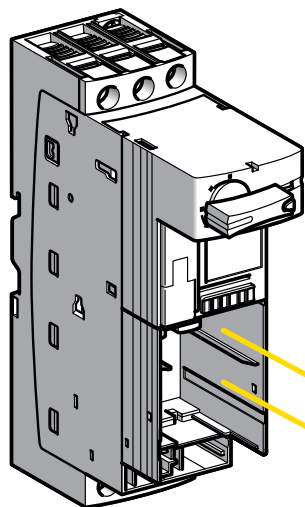
Add-on contact blocks

Auxiliary contacts						
Number of contacts	2	-	1	1	-	2
Power pole status	NO	NC	NO	NC	NO	NC
Reference	LUFN20		LUFN11		LUFN02	

Signalling contacts				
Number of contacts	1	1	2	-
Fault signalling		NC (95-96)	NO (97-98)	
Position of rotary knob	NO (17-18)		NO (17-18)	
Reference	LUA1C11		LUA1C20	

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

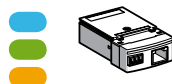
Magnetic control unit

LUCL

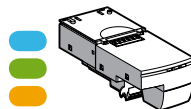


For use in conjunction with variable speed controller

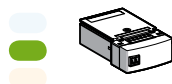
- Short-circuit protection
 - Manual reset
- Motor thermal overload protection must be provided by the Variable Speed Controller or soft starter



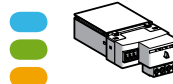
Parallel wiring module
LUFC00



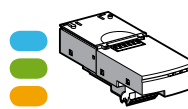
Advantys STB communication
module LULC15



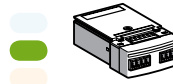
Alarm signalling module
LUFW10



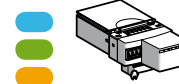
AS-Interface modules
ASILUFC5 and ASILUFC51



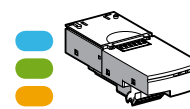
Profibus DP communication
module LULC07



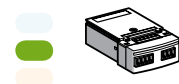
Motor load indication
module (analogue) LUFV



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