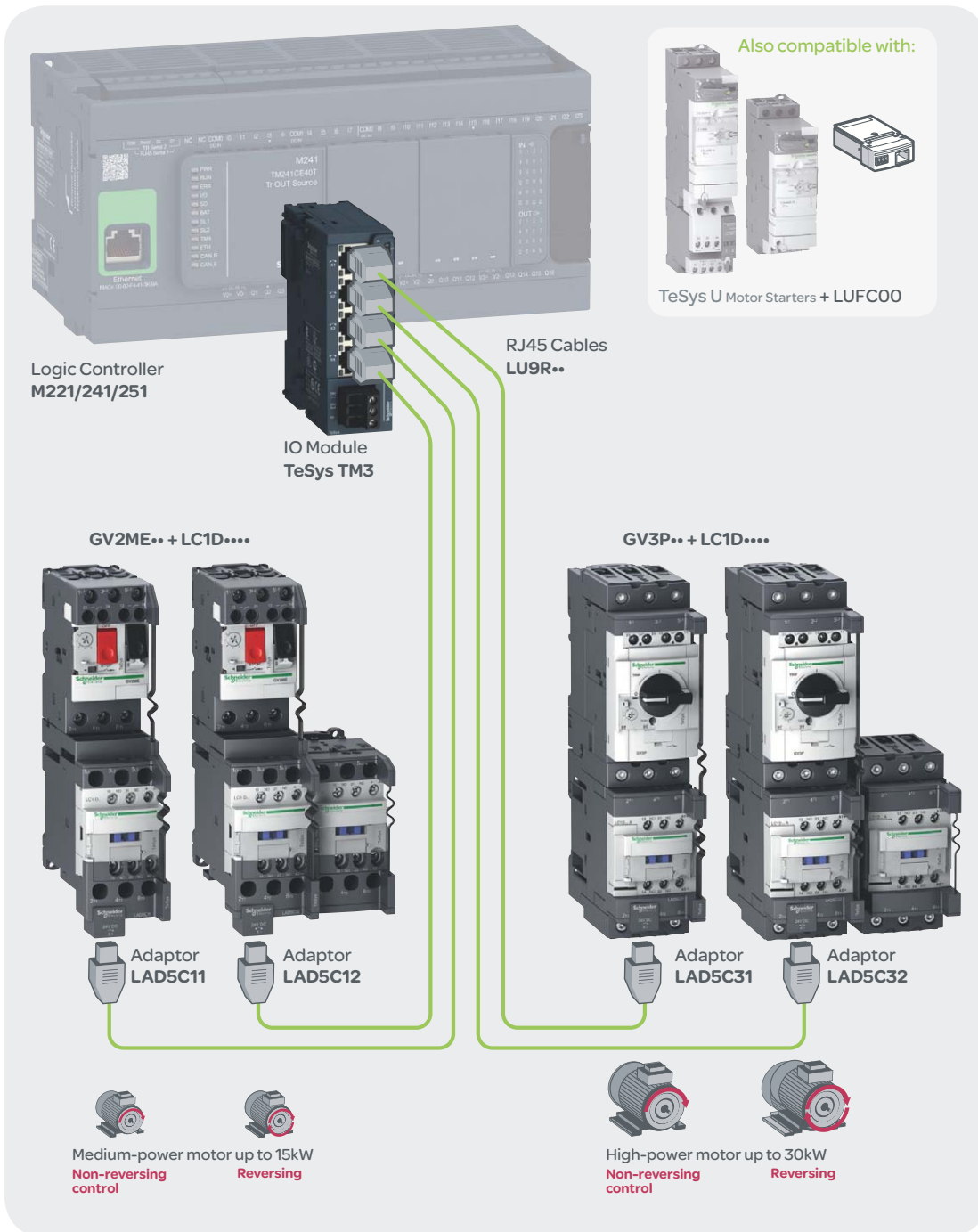


Let TeSys SoLink be your drive!

Integration system for motor starters up to 30kW/415V in automation environment.



20 times faster for control circuit wiring
Simple and fast wiring



100% upgradable
Plug and play solutions



0% chance of connection errors
Intuitive connection



100% availability during machine life cycles
Software and hardware integrated

TeSys SoLink connects your TeSys motor starter to the Logic Controller.

Complete solution

Based on Modicon M221/241/251 Logic Controllers powered by SoMachine automation platform, it's composed of:

- > **TM3** IO Logic Controller Module for motor starters
 - > **LU9R••** pre-cabled RJ45 links (different lengths)
 - > **LAD5C••** connection module for screw terminal TeSys D Motor Starters
- or
- > **LUFC00** connection module for TeSys U Motor Starters.

Monitoring and control functions

- > Each TM3 is able to monitor and control up to four motor starters.
 - > For each motor starter, TeSys SoLink conveys data and control power needed for the connected starter.
-
- > The data exchange is composed of:
- 1 **Monitoring:** ready (circuit breaker status) and running (contactor status)
 - 2 **Control (ON/OFF):** direct or reverse
(If motor starter is based on TeSys GV Motor Circuit Breaker and TeSys D Contactor.)
-
- 1 **Monitoring:** ready, running, fault
 - 2 **Control (ON/OFF):** direct or reverse
(If motor starter is based on TeSys U Motor Starter.)



Up to
56

motor starters
for each
Logic Controller

TM3 provides the 24V DC control voltage to the motor starter coil.



Motor Starters

	Direct		Reversing	
	Up to 15kW/415V	From 18.5 to 30kW/415V	Up to 15kW / 415V	From 18.5 to 30kW / 415V
TeSys D				
1 Motor circuit breaker	GV2ME•• or GV2P••	GV3P••	GV2ME•• or GV2P••	GV3P••
2 Contactor 24V DC	LC1D09BL to LC1D32BL LC1D09BD to LC1D32BD	LC1D40ABD to LC1D65ABD	LC2D09BL to LC2D32BL LC2D09BD to LC2D32BD	LC2D40ABD to LC2D65ABD
3 Combination block	GV2AF3	-	GV2AF3	-
4 Auxiliary contact	GVAE20	GVAE20	GVAE20	GVAE20
5 Connection module	LAD5C11	LAD5C31	LAD5C12	LAD5C32
TeSys U				
Power base	LUB120 or LUB320		LU2B12BL or LU2B32BL	
Control unit 24V DC	LUCA/LUCB/LUCC/LUCD••BL		LUCA/LUCB/LUCC/LUCD••BL	
Terminal block	LU9BN11C		LU9MRC	
Parallel wiring module	LUFC00		LUFC00	
Connection cable *				
Length of 0.3 m	LU9R03			
6 Length of 1 m	LU9R10			
Length of 3 m	LU9R30			
IO module				
7 IO module	TM3XTYS4			

* Choose your correct length

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