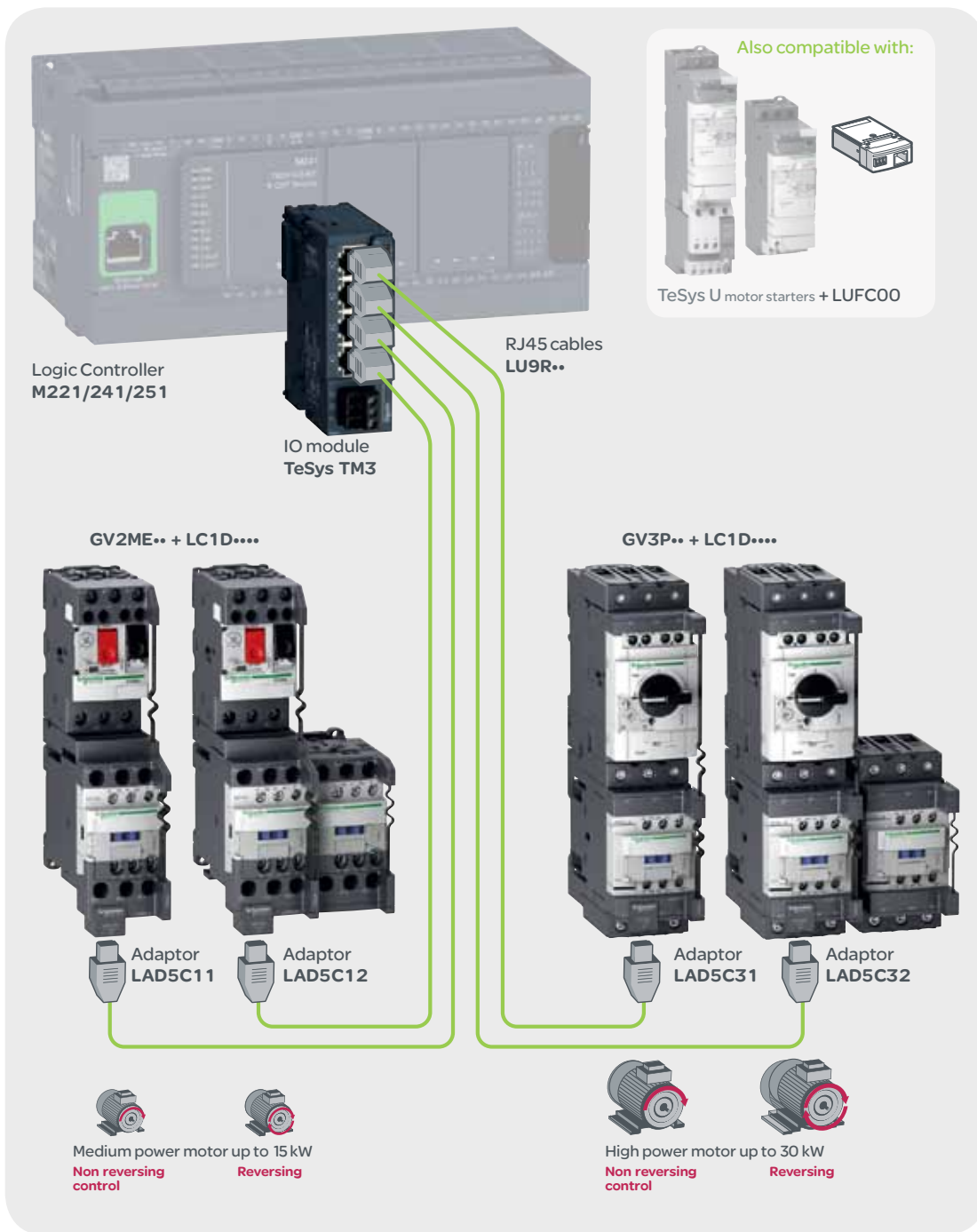




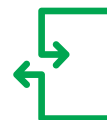
[ TeSys SoLink ]

# Let TeSys SoLink be your drive!

Integration system for motor starters up to 30 kW/400 V in automation environment



**20 times** faster for control circuit wiring  
Simple and fast wiring



**100%** upgradable  
Plug & Play solutions



**0%** Chance of connection errors  
Intuitive connection



**100%** availability during machine life cycles  
Software & 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 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 4 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 based on motor circuit breaker TeSys GV and contactor TeSys D*

- 1 **Monitoring:** Ready, Running, fault
- 2 **Control (ON/OFF):** Direct or Reverse  
*if Motor Starter based on motor starter TeSys U*



Up to  
**56**  
motor starters  
for each  
Logic Controller

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



### Motor Starters

	Direct		Reversing	
	Up to 15 kW / 400 V	From 18.5 to 30 kW / 400 V	Up to 15 kW / 400 V	From 18.5 to 30 kW / 400 V
<b>TeSys D</b>				
1 Motor circuit breaker	GV2ME•• or GV2P••	GV3P••	GV2ME•• or GV2P••	GV3P••
2 Contactor 24 V 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
<b>TeSys U</b>				
Power base	LUB120 or LUB320		LU2B12BL or LU2B32BL	
Control unit 24 V DC	LUCA/LUCB/LUCC/LUCD••BL		LUCA/LUCB/LUCC/LUCD••BL	
Terminal block	LU9BN11C		LU9MRC	
Parallel wiring module	LUFC00		LUFC00	
<b>Connection cable *</b>				
Length of 0.3 m	LU9R03			
6 Length of 1 m	LU9R10			
Length of 3 m	LU9R30			
<b>IO module</b>				
7 IO module	TM3XTYS4			

\* Choose your correct length

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