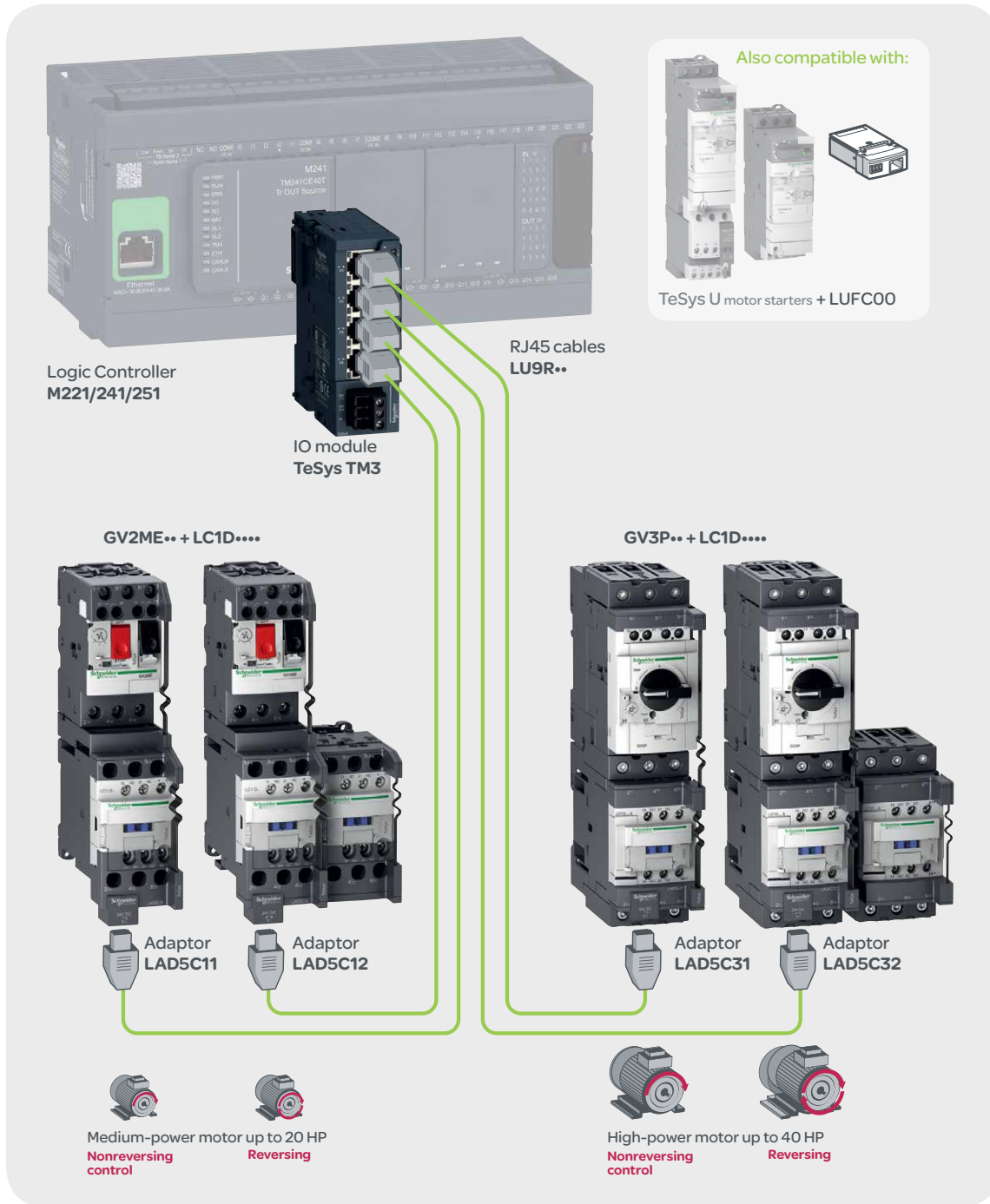
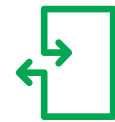


# Let TeSys SoLink be your drive!

Integration system for motor starters  
up to 40 HP at 480 V 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), are 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 (manual starter status) and Running (contactor status)
- 2 **Control (ON/OFF):** Direct or Reverse *if using TeSys GV and TeSys D*

- 1 **Monitoring:** Ready, Running, Fault
- 2 **Control (ON/OFF):** Direct or Reverse *if using 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 20 HP at 480 V	From 7.5 to 40 HP at 480 V	Up to 20 HP at 480 V	From 7.5 to 40 HP at 480 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

Learn more at

888-778-2733

www.schneider-electric.com/us

## Schneider Electric, USA, Inc.

800 Federal Street  
Andover, MA 01810  
Phone: 978-794-0800  
www.schneider-electric.com/us