

Modicon TM5

High-Performance and Safe IP20 Modular I/O System
Communication module for RS232 serial link

Presentation

The **TM5SE1RS2** communication module is designed for PacDrive LMC Eco/Pro/Pro2 and Modicon LMC078 motion controllers, and the Modicon M262 logic/motion controller.

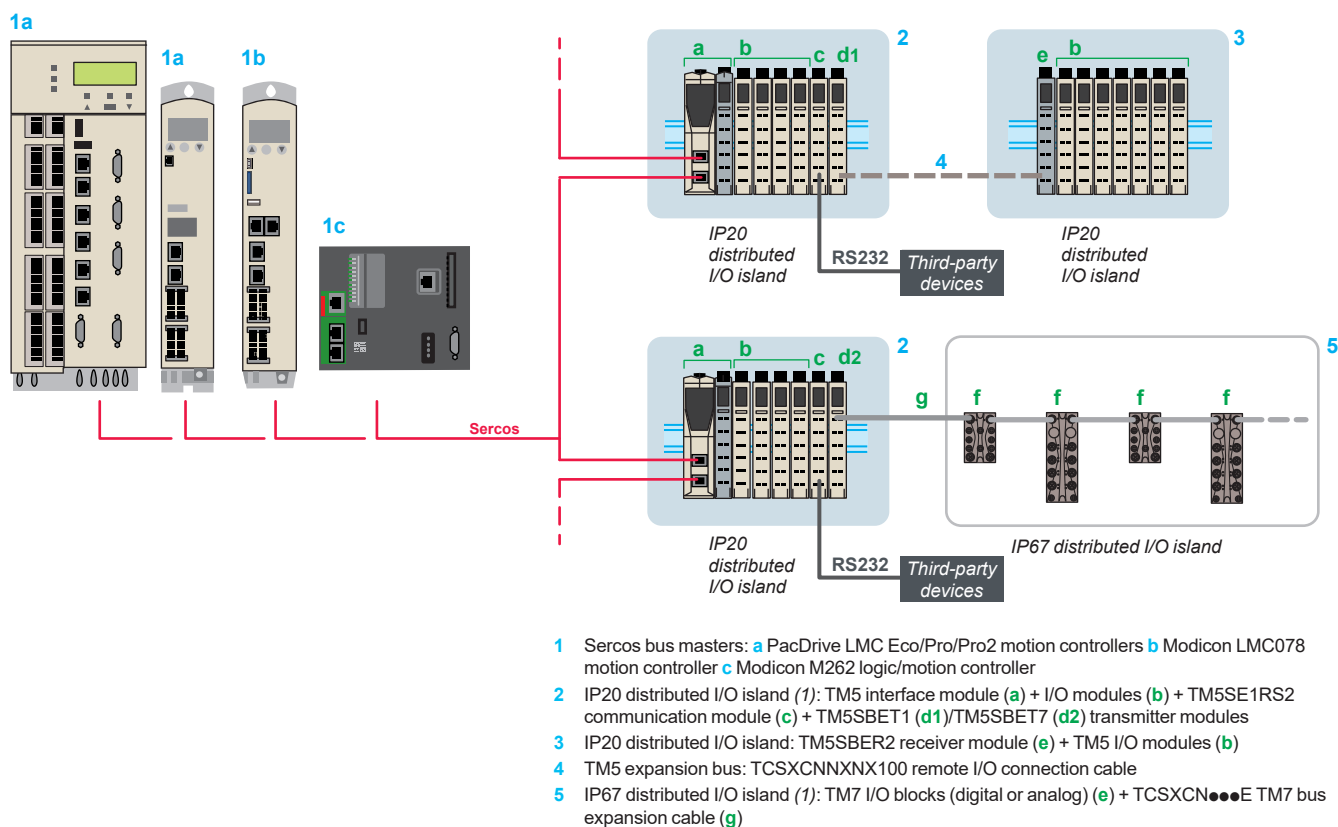
It provides multiple RS232 ports on the Sercos bus for connecting third-party devices to controllers.

The TM5SE1RS2 communication module can be integrated into remote and distributed architectures.

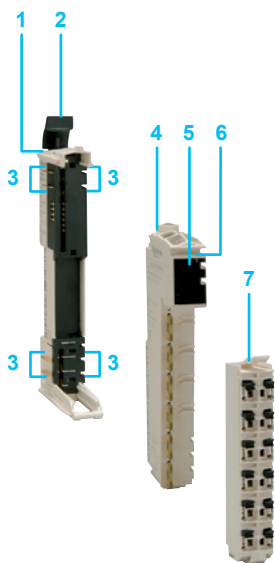
EcoStruxure Machine Expert software provides configuration and read/write functionality.

Communication module compatibility

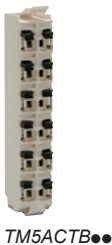
	TM5SE1RS2
Local and remote I/O	■ Modicon LMC078 motion controller
Distributed I/O	■ CANopen bus interface module ■ Sercos bus interface module



(1) Modicon TM7, please refer to catalog ref. [DIA3ED2140405EN](#)



TM5SE1RS2



TM5ACTB06



TM5ACBM11

Description

The **TM5SE1RS2** communication module comprises:

- 1 A bus base
- 2 A mechanical clip for locking onto a symmetrical rail
- 3 A bus expansion connection on each side of the base to provide the link with the adjacent controller or module
- 4 An RS232 interface electronic module
- 5 An LED display block for the module channels and diagnostics
- 6 A slot for the plain text cover holder (label holder)
- 7 A removable spring terminal block with locking clip and slots for colored ID markers

References

Designation	Description	Reference	Weight kg/lb
RS232 interface electronic module	- Machine Expert protocol	TM5SE1RS2	0.064/ 0.141
	- Physical layer: RS232		
	- Baud rate: 1,200 to 115,200 Kbps		
	- Capacity: 7 or 8 data bits		
	- Services: low/high/even, none, odd parity bit		
Bus base	24 V ~	TM5ACBM11	0.020/ 0.044
Terminal blocks	For the RS232 interface electronic module	TM5ACTB06	0.016/ 0.035
	For the RS232 interface electronic module	TM5ACTB12	0.020/ 0.044

Accessories

See [page 44](#)

Configuration software

EcoStruxure Machine Expert software, please refer to catalog ref. [DIA3ED2180701EN](#)