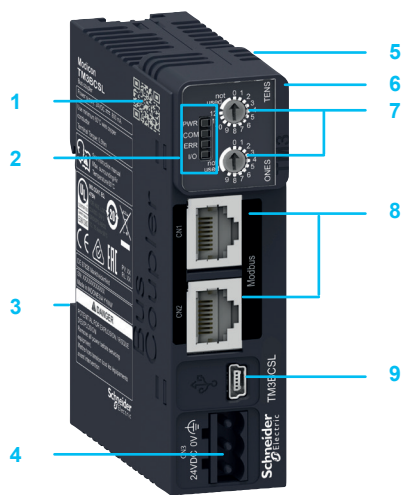


Modicon TM3

I/O expansion modules for Modicon controllers

Modbus Serial Line Bus coupler



TM3BCSL

Description

- 1 Device ID QR code, also provides access to technical documentation
- 2 Block of status LEDs for the power supply, module, network, and I/O
- 3 Clip for locking on symmetrical DIN rail
- 4 Removable terminal block for connecting the integrated power supply (24 V) and functional ground (1)
- 5 TM3 bus connector providing continuity of the link with the connected module
- 6 Locking catch for the adjacent module
- 7 Two rotary switches for I/O island addressing and speed settings
- 8 Two Serial Line ports: isolated RJ45 (RS 485) connectors for the Modbus Serial Line bus connection
- 9 USB-B port for firmware updates and accessing the Web server and configuration parameters (2)

References

Modbus Serial Line coupler module

Designation	Characteristics	Reference	Weight kg/ lb
Bus coupler module for Modbus Serial Line	Modbus RS485 protocol	TM3BCSL	0.100/ 0.220

Replacement parts

Designation	Description	Unit reference	Weight kg/ lb
Panel mounting kit Sold in lots of 10	For mounting TM3BCSL module on a plate or panel	TMAM2	0.065/ 0.143
Set of power supply terminal blocks Sold in lots of 8	Removable screw terminal blocks	TMAT2PSET	0.127/ 0.280

Connection accessories

Modbus Serial Line cordsets: Please refer to catalog ref. [DIA3ED2160106EN](#)

Configuration software

EcoStruxure Machine Expert software: Please refer to catalog ref. [DIA3ED2180701EN](#)

- (1) The module is supplied with a removable screw terminal block for connecting the power supply.
 (2) TM3BCSL is configurable with EcoStruxure Machine Expert software.