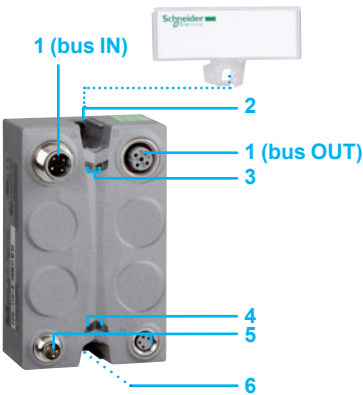




TM7SPS1A

Description

Power distribution block

The power distribution blocks have the following on the front panel:

- 1 A male M12 connector (bus IN) and a female M12 connector (bus OUT) for connecting the TM7 expansion bus
- 2 A slot for the power distribution block label (1)
- 3 Two TM7 bus diagnostic LEDs
- 4 Two LEDs indicating the status of the 24 V $\square$ sensor and actuator power supplies
- 5 Two M8 connectors for connecting the 24 V $\square$ sensor and actuator power supplies (male for PWR IN, female for PWR OUT)
- 6 Mounting using two $\varnothing$ 4 screws (not supplied) and connection of the functional ground when block is mounted on a metal support

Power distribution block compatibility

	TM7SPS1A
Local and remote I/O	With TM5SBET7 bus expansion module (transmitter module): - Modicon M258 logic controller - Modicon LMC058 motion controller
Distributed I/O	With TM7NCOM●●● CANopen interface block: - Modicon M258 logic controller - Modicon LMC058 motion controller - Modicon LMC078 motion controller - Modicon M262 logic/motion controller

(1) Label-holder supplied with power distribution block

References

Function	Connection	Communication bus	Reference	Weight kg/lb
24 V $\square$ /15 W power supply for I/O expansion blocks on the TM7 expansion bus	Power supply: 2x M8 connectors, TM7 bus 1 male and 1 female TM7 bus: 2x M12 connectors, 1 male and 1 female		TM7SPS1A	0.190/ 0.419

Architecture and connection cables

See page 24 to 29

Separate parts

See page 29

Configuration software

- EcoStruxure Machine Expert software: please refer to catalog Ref. [DIA3ED2180701EN](#)