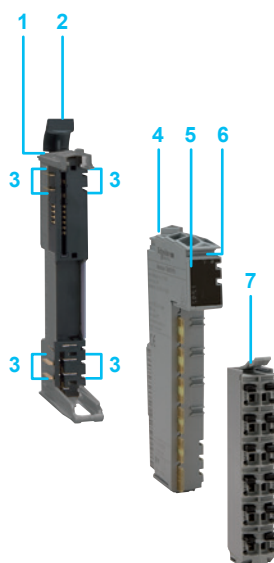


Modicon TM5

High-Performance and Safe IP20 Modular I/O System
Power distribution modules



TM5SP●●



TM5ACBM●●



TM5ACTB●●

Presentation

TM5SP●● power distribution modules are designed to supply power to the I/O modules and/or the TM5 bus.

Each power distribution module comprises three parts to be ordered separately:

- A power distribution electronic module
- A bus base
- A terminal block

These modules can be mechanically assembled before mounting on a symmetrical rail. They offer the following advantages:

- Removable terminal block
- Spring terminals that can be used for quick, tool-free connection of the sensors and preactuators (the quality of the spring terminals avoids the need for periodic retightening)

Four power distribution modules are available.

Power distribution module compatibility

	TM5SP●●
Local and remote I/O	■ Modicon M258 logic controller ■ Modicon LMC058 motion controller
Distributed I/O	■ Ethernet network interface module ■ CANopen bus interface module ■ Sercos bus interface module

Description

Power distribution modules comprise:

- 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 A power distribution 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

Description	Characteristics	Fuse	Reference	Weight kg/lb
Power distribution electronic modules	24 V $\overline{\text{---}}$ power supply for the I/O modules	—	TM5SPS1	0.030/ 0.066
	Max. total I: 10 A	6.3 A internal fuse	TM5SPS1F	0.030/ 0.066
	Power supply	—	TM5SPS2	0.030/ 0.066
	- for the I/O (24 V $\overline{\text{---}}$) - for the TM5 bus (bus power supply: 7 W)	6.3 A internal fuse	TM5SPS2F	0.030/ 0.066
Bus bases	Isolated on the left on the 24 V $\overline{\text{---}}$ I/O module power supply		TM5ACBM01R	0.020/ 0.044
	Isolated on the left on the 24 V $\overline{\text{---}}$ I/O module power supply With address setting		TM5ACBM05R	0.020/ 0.044
Terminal block	For power distribution electronic module 24 V $\overline{\text{---}}$ 12 spring terminals		TM5ACTB12PS	0.020/ 0.044

Accessories

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