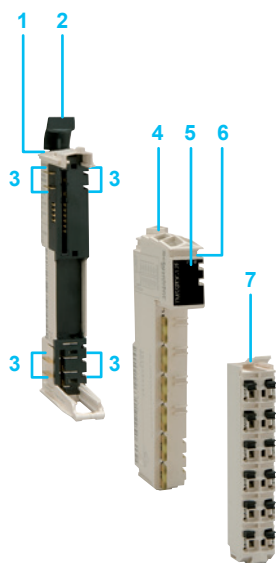


Modicon TM5

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



Presentation

TM5SP common distribution modules make cabling more flexible by “branching” the different voltages needed to power the I/O expansion modules used.

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

- A common distribution electronic module
- A bus base
- A terminal block to be chosen according to the number of terminals

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)
- Hot swapping capability

The power supply common distribution module offer comprises:

- Common distribution electronic modules that have an integral, removable fuse
- The **TM5SD000** non-functioning dummy electronic module, which increases the degree of flexibility in terms of managing the various options for an installation (machine with or without temperature sensors, for example). It is also used to reserve a physical slot and a logical address on the backplane bus, for adding a functioning module (such as an application-specific I/O expansion module) at a later date.

Common 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

TM5SP common 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 supply common 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	Reference	Weight kg/ lb
Common distribution electronic modules (1) 24 V	12 x 0 V DC commons with 1 fuse	TM5SPDG12F	0.025/ 0.055
	12 x 24 V DC commons with 1 fuse	TM5SPDD12F	0.025/ 0.055
	6 x 0 V DC commons	TM5SPDG6D6F	0.025/ 0.055
	6 x 24 V DC commons, with 1 fuse		
Dummy electronic module	Non-functioning: Used for reserving slots and logical addresses	TM5SD000	0.015/ 0.033
Bus bases	24 V	TM5ACBM11	0.020/ 0.044
	24 V	TM5ACBM15	0.020/ 0.044
	With address setting		
Terminal blocks	For power supply common distribution module	TM5ACTB06	0.016/ 0.035
	For power supply common distribution module	TM5ACTB12	0.020/ 0.044

Accessories

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(1) Equipped with 5 x 20 internal fuse, slow-blow 6.3 A



TM5SPDG



TM5ACBM



TM5ACTB