

Product datasheet

Specifications



common distribution module - 5 x 0 V DC - 5 x 24 V DC

TM5SPDG5D4F

 **Discontinued on:** 12 May 2021

EAN Code: 3595864074979

 **Discontinued**

Main

Range Of Product	Modicon TM5
Product Or Component Type	Common distribution module
Product Specific Application	Cabling various voltage to power 5 I/O in 0 V DC & 5 I/O in 24 V DC

Complementary

Range Compatibility	Modicon LMC058 Modicon M258
Product Compatibility	Motion controller Logic controller
[Us] Rated Supply Voltage	24 V
Network Type	DC
Short-Circuit Protection	6.3 A internal fuse
Marking	CE
Net Weight	0.025 kg

Environment

Standards	CSA C22.2 No 142 IEC 61131-2 CSA C22.2 No 213 UL 508
Product Certifications	CSA cULus GOST-R C-Tick
Ambient Air Temperature For Operation	0...50 °C (vertical installation) 0...55 °C without derating (horizontal installation) 0...60 °C with derating factor (horizontal installation)
Ambient Air Temperature For Storage	-25...70 °C
Relative Humidity	5...95 % without condensation
Ip Degree Of Protection	IP20 conforming to IEC 61131-2
Pollution Degree	2 conforming to IEC 60664
Operating Altitude	0...2000 m
Storage Altitude	0...3000 m
Vibration Resistance	1 gn at 8.4...150 Hz on DIN rail 3.5 mm at 5...8.4 Hz on DIN rail
Shock Resistance	15 gn for 11 ms

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Resistance To Electrostatic Discharge	4 kV on contact conforming to EN/IEC 61000-4-2 8 kV in air conforming to EN/IEC 61000-4-2
Resistance To Electromagnetic Fields	1 V/m 2...2.7 GHz conforming to EN/IEC 61000-4-3 10 V/m 80...2000 MHz conforming to EN/IEC 61000-4-3
Resistance To Fast Transients	1 kV (I/O) conforming to EN/IEC 61000-4-4 1 kV (shielded cable) conforming to EN/IEC 61000-4-4 2 kV (power lines) conforming to EN/IEC 61000-4-4
Surge Withstand	0.5 kV differential mode conforming to EN/IEC 61000-4-5 1 kV common mode conforming to EN/IEC 61000-4-5
Electromagnetic Compatibility	EN/IEC 61000-4-6
Disturbance Radiated/Conducted	CISPR 11

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.0 cm
Package 1 Width	6.0 cm
Package 1 Length	11.0 cm
Package 1 Weight	39.0 g

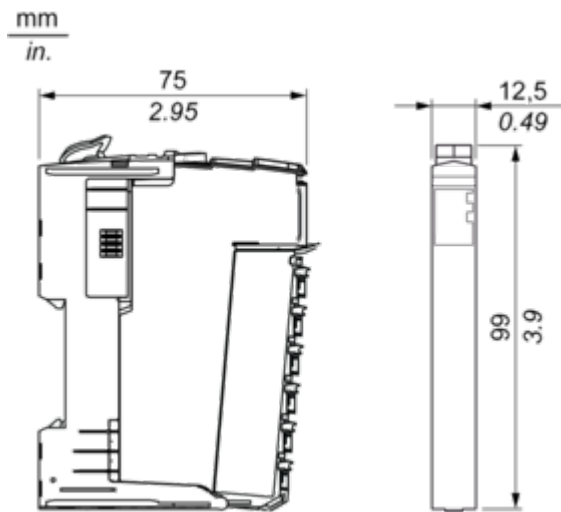
Contractual warranty

Warranty	18 months
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Dimensions Drawings

TM5 Slice

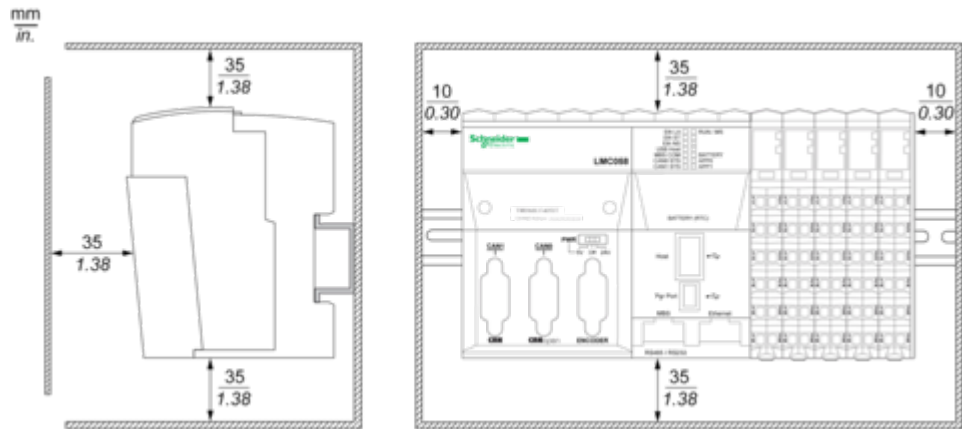
Dimensions



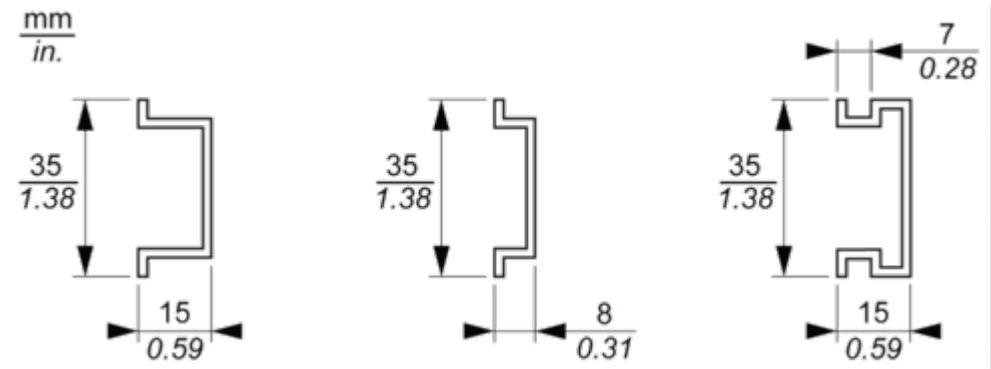
Mounting and Clearance

TM5 System

Spacing Requirements



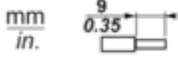
Mounting on a DIN Rail



Connections and Schema

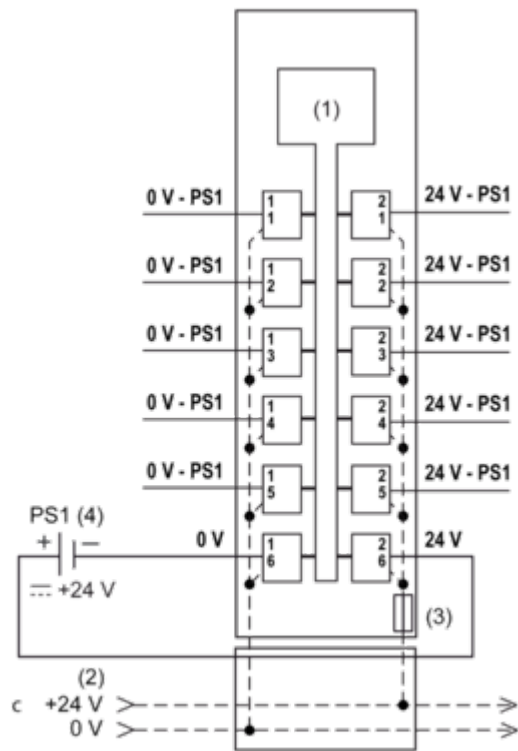
TM5 System Wiring Recommendations

Wire Sizes to Use with the Removable Spring Terminal Blocks

				
mm ²	0,08...2,5	0,25...2,5	0,25...1,5	2 x 0,25...2 x 0,75
AWG	28...14	24...14	24...16	2 x 24...2 x 18

Electronic Module 5 x 0 Vdc and 5 x 24 Vdc

Wiring Diagram



- (1) Internal electronics
- (2) 24 Vdc I/O power segment integrated into the bus bases
- (3) Integrated fuse type T slow-blow 6.3 A 250 V exchangeable
- (4) PS1: External isolated SELV power supplies limited to 200 VA for UL508 conformance, or limited to 150 VA for CSA 22.2, N° 142 conformance