Product data sheet

Specification





Power distribution module with internal fuse, Modicon TM5, for I/O 24 V DC, 6.3 A

TM5SPS1F

Product availability: Non-Stock - Not normally stocked in distribution facility

Price*: 120.00 USD

Main

Range Of Product	Modicon TM5	
Product Or Component Type	Type Power distribution module with internal fuse	
Product Specific Application	Supply 24 V DC I/O modules	

Complementary

Range Compatibility	Modicon M258 Modicon LMC058			
Product Compatibility	Motion controller Logic controller			
[Us] Rated Supply Voltage	24 V			
Network Type	DC			
Current Supplied	6.3 A I/O power segment			
Maximum Power Dissipation In W	1.02 W			
Color	Gray			
Short-Circuit Protection	6.3 A internal fuse			
Current Consumption	<= 34 mA 24 V DC			
Marking	CE			

Environment

Standards	IEC 61131-2 UL 508 CSA C22.2 No 142 CSA C22.2 No 213	
Product Certifications	C-tick CSA GOST-R cULus	
Ambient Air Temperature For Operation	emperature For 14131 °F (-1055 °C) without derating horizontal installation) 131140 °F (5560 °C) with derating factor horizontal installation) 14122 °F (-1050 °C) vertical installation)	
Ambient Air Temperature For Storage	-13158 °F (-2570 °C)	
Relative Humidity	595 % without condensation	
Operating Altitude	06561.68 ft (02000 m)	
Storage Altitude	0.009842.52 ft (03000 m)	

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Vibration Resistance	1 gn 8.4150 Hz DIN rail			
	3.5 mm 58.4 Hz DIN rail			
Shock Resistance	15 gn 11 ms			
Resistance To Electrostatic	4 kV on contact EN/IEC 61000-4-2			
Discharge	8 kV in air EN/IEC 61000-4-2			
Resistance To Electromagnetic	0.91 V/m (1 V/m) 22.7 GHz EN/IEC 61000-4-3			
Fields	9.14 V/m (10 V/m) 802000 MHz EN/IEC 61000-4-3			
Resistance To Fast Transients	1 kV EN/IEC 61000-4-4 I/O)			
	1 kV EN/IEC 61000-4-4 shielded cable)			
	2 kV EN/IEC 61000-4-4 power lines)			
Surge Withstand	0.5 kV differential mode EN/IEC 61000-4-5			
	1 kV common mode EN/IEC 61000-4-5			
Electromagnetic Compatibility	EN/IEC 61000-4-6			
Disturbance Radiated/Conducted	CISPR 11			

Ordering and shipping details

Category	US1PC1222532
Discount Schedule	PC12
Gtin	3595864074917
Returnability	No
Country Of Origin	AT

Packing Units

Unit Type Of Package 1	PCE			
Number Of Units In Package 1	1			
Package 1 Height	0.79 in (2.000 cm)			
Package 1 Width	2.36 in (6.000 cm)			
Package 1 Length	4.13 in (10.500 cm)			
Package 1 Weight	1.31 oz (37.000 g)			
Unit Type Of Package 2	S02			
Number Of Units In Package 2	97			
Package 2 Height	5.91 in (15.000 cm)			
Package 2 Width	11.81 in (30.000 cm)			
Package 2 Length	15.75 in (40.000 cm)			
Package 2 Weight	8.79 lb(US) (3.985 kg)			

Contractual warranty

Warranty 18 months



Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Toxic Heavy Metal Free
②	Mercury Free
⊘	Rohs Exemption Information Yes
②	Pvc Free

Certifications & Standards

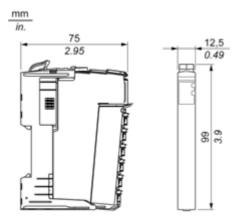
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.			
Circularity Profile				

TM5SPS1F

Dimensions Drawings

TM5 Slice

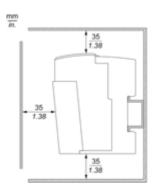
Dimensions

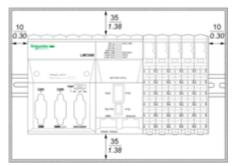


Mounting and Clearance

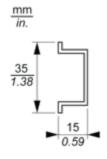
TM5 System

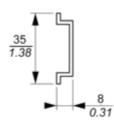
Spacing Requirements

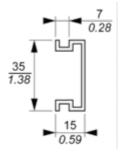




Mounting on a DIN Rail







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Connections and Schema

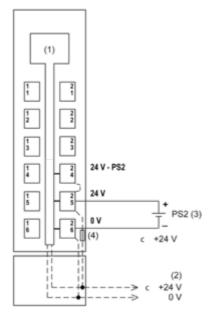
TM5 System Wiring Recommendations

Wire Sizes to Use with the Removable Spring Terminal Blocks

mm in.	0.35		2		
	mm ²	0,082,5	0,252,5	0,251,5	2 x 0,252 x 0,75
	AWG	2814	2414	2416	2 x 242 x 18

PDM Electronic Module 24 Vdc I/O Fuse 6.3 A

Wiring Diagram



- (1) Internal electronics
- (2) 24 Vdc I/O power segment integrated into the bus bases
- (3) PS2: External isolated SELV power supply 24 Vdc limited to 200 VA for UL508 conformance, or limited to 150 VA for CSA 22.2, N° 142 conformance
- (4) Integrated fuse type T slow-blow 10 A 250 V exchangeable