

TM5SPS2F

power distribution module - for I/O module 24 V DC
& bus - 6.3 A internal fuse



Main

Range of product	Modicon TM5
Product or component type	Power distribution module with internal fuse
Product specific application	Supply 24 V DC I/O modules and bus TM5

Complementary

Range compatibility	Modicon LMC058 Modicon M258
Product compatibility	Motion controller Logic controller
[Us] rated supply voltage	24 V
Network type	DC
Power supply output current	6.3 A for I/O power segment 1136 mA for TM5 power bus -10...55 °C 740 mA for TM5 power bus 55...60 °C
Power dissipation in W	<= 2.13 W
Colour	Grey
Short circuit protection	6.3 A with internal fuse
Current consumption	<= 34 mA 24 V DC
Marking	CE
Product weight	0.03 kg

Environment

Standards	CSA C22.2 No 142 CSA C22.2 No 142 IEC 61131-2 IEC 61131-2 UL 508 UL 508 CSA C22.2 No 213 CSA C22.2 No 213
Product certifications	CSA C-Tick CULus GOST-R
Ambient air temperature for operation	-10...50 °C vertical installation -10...55 °C without derating factor horizontal installation 55...60 °C with derating factor horizontal installation
Ambient air temperature for storage	-25...70 °C
Relative humidity	5...95 % without condensation
Operating altitude	0...2000 m
Storage altitude	0...3000 m
Vibration resistance	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail
Shock resistance	15 gn for 11 ms
Resistance to electrostatic discharge	4 kV on contact conforming to EN/IEC 61000-4-2

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	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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 1039 - Schneider Electric declaration of conformity
Product environmental profile	Available
Product end of life instructions	Available