Product data sheet

Specifications



Power distribution module, Modicon TM5, for I/O 24V DC, 1 Safety related output

TM5SPS10FS

Main

Range of product	Modicon TM5
Product or component type	Power distribution module
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	10 A for I/O power segment
Maximum power dissipation in W	0.8 W
Colour	Red
Short-circuit protection	10 A external fuse
Current consumption	<= 25 mA 24 V DC
Marking	CE
Net weight	0.061 kg

Environment

Standards	IEC 61131-2 UL 508 CSA C22.2 No 142 CSA C22.2 No 213
Product certifications	cULus CSA
Ambient air temperature for operation	-10…55 °C without derating (horizontal installation) 55…60 °C with derating factor (horizontal installation) -10…50 °C (vertical 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

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

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
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 Weight	80.0 g
Package 1 Height	3 cm
Package 1 width	6 cm
Package 1 Length	10.5 cm
Unit Type of Package 2	S02
Number of Units in Package 2	50
Package 2 Weight	4.0 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
REACh free of SVHC	Yes
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
PVC free	Yes
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov