Product datasheet

Specifications

Connection multiplexer RM12T, VigiPacT RMH monitoring relay, 220/240VAC 50/60Hz, up to 12 sensors

28566

Main

Range	VigiPacT
Device Short Name	RM12T
Product Or Component Type	Multiplexer
Relay Application	Monitoring relay
Mounting Support	DIN rail
Current Sensors Compatibility	VigiPacT RMH monitoring relay
[Ithe] Conventional Enclosed Thermal Current	8 A
Minimum Load	10 mA at 12 V
[Us] Rated Supply Voltage	220...240 V AC 50/60 Hz 70...110 %
Power Consumption In Va	8 VA

Complementary

Test Function	Local
Monitoring	Electronics (continuous) Power supply (continuous) Relay/sensor link (continuous) Sensor/multiplexer RM12T and RM12T/RMH link (continuous)
Signal Contacts Composition	1 NO
Type Of Measurement	Earth fault current internal measurement, range: 80...100 %, accuracy: +/- 10 %
Communication Service	Supervision via internal bus
Connections - Terminals	Auxiliary power supply: screw terminal cable(s) 0.2…2.5 mm² flexible AWG 22...AWG 12 Auxiliary power supply: screw terminal cable(s) 0.2…2.5 mm² rigid AWG 22...AWG 12 Auxiliary power supply: screw terminal cable(s) 0.25…2.5 mm² flexible with ferrule AWG 22...AWG 12 Earth leakage monitor: screw terminal cable(s) 0.2…2.5 mm² flexible AWG 22...AWG 12 Earth leakage monitor: screw terminal cable(s) 0.2…2.5 mm² rigid AWG 22...AWG 12 Earth leakage monitor: screw terminal cable(s) 0.25…2.5 mm² flexible with ferrule AWG 22...AWG 12 Sensor: screw terminal cable(s) 0.2…2.5 mm² flexible AWG 22...AWG 12 Sensor: screw terminal cable(s) 0.2…2.5 mm² rigid AWG 22...AWG 12 Sensor: screw terminal cable(s) 0.25…2.5 mm² flexible with ferrule AWG 22...AWG 12
Wire Stripping Length	Auxiliary power supply: 6 mm for bottom connection Earth leakage monitor: 6 mm for bottom connection Sensor: 6 mm for bottom connection Sensor: 6 mm for top connection

Tightening Torque	Auxiliary power supply: 0.5 N.m bottom Earth leakage monitor: 0.5 N.m bottom Sensor: 0.5 N.m bottom Sensor: 0.5 N.m top
9 Mm Pitches	12
Standards	EN/IEC 60947-2 Annex M EN/IEC 60755 UL 1053 CAN/CSA C22.2 No. 144
Width	106 mm
Height	81 mm
Depth	73.5 mm
Net Weight	0.42 kg
Ip Degree Of Protection	IP40 on front face: conforming to EN/IEC 60529 IP30 on side parts: conforming to EN/IEC 60529 IP20 on connection terminals: conforming to EN/IEC 60529
Ik Degree Of Protection	IK07 conforming to EN 50102
Mechanical Robustness	Fire resistance conforming to IEC 60695-2-1 IK protection 2 joules: IK07 conforming to EN 50102 Vibrations 13.2...100 Hz: 0.7 g Vibrations 2...13.2 Hz: +/- 1 mm

Environment

Overvoltage Category	IV
Electromagnetic Compatibility	Conducted and radiated emissions: , B, conforming to CISPR 11 Conducted radio-frequency immunity test: , 3, conforming to IEC 61000-4-6 Electrostatic discharge immunity test: , 4, conforming to IEC 61000-4-2 High-energy conducted susceptibility: , 4, conforming to IEC 61000-4-5 Low-energy conducted susceptibility: , 4, conforming to IEC 61000-4-4 Radiated susceptibility: , 3, conforming to IEC 61000-4-3
Relative Humidity	95 % at 55 °C
Pollution Degree	3 conforming to IEC 60664-1
Ambient Air Temperature For Operation	-25…55 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.5 cm
Package 1 Width	9.2 cm
Package 1 Length	11.5 cm
Package 1 Weight	471.0 g
Unit Type Of Package 2	S04
Number Of Units In Package 2	24
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	12.07 kg

Contractual warranty

Warranty   18 months

Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 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 ›

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Product out of China RoHS scope. Substance declaration for your information