Product data sheet

Specifications





() Discontinued

Residual current protection relay, VigiPacT RH10P, 30mA, 12/24VAC 50/60Hz, 12/48VDC, front panel mounting

56200

Discontinued on: Jul 12, 2021

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

Main

Man	
Range	VigiPacT
Device Short Name	RH10P
Product Or Component Type	Residual current protection relay
Relay Application	Protection relay
Mounting Support	Front panel
Earth-Leakage Protection Class	Туре А
Type Of Setting	None
Residual Earth-Leakage Sensitity Adjustment Type	Fixed
Earth-Leakage Sensitivity	0.03 A
Earth-Leakage Time Delay	Instantaneous
Current Sensors Compatibility	VigiPacT TOA earth leakage current sensor VigiPacT A earth leakage current sensor VigiPacT L earth leakage current sensor
[Ithe] Conventional Enclosed Thermal Current	8 A
Minimum Load	10 mA 12 V
[Us] Rated Supply Voltage	1224 V AC 50/60 Hz 55120 % 1248 V DC 55120 %
Power Consumption In Va	4 VA
Monitored Distribution System	1000 V - AC 50/60 Hz maximum) 1000 V - AC 400 Hz maximum)
Earthing System	TN-S TT IT
[Uimp] Rated Impulse Withstand Voltage	8 kV
Reset	Manual reset

Complementary

Test Function	Local Remote test
Monitoring	Electronics continuous) Power supply continuous) Relay/sensor link continuous)

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

Type Of Measurement	Earth fault current internal measurement 80100 %
Tamperproof Of Settings	Protected by sealable cover
Connections - Terminals	Auxiliary power supply terminal block 0.000.00 in ² (0.22.5 mm ²) flexible AWG 24AWG 12
	Auxiliary power supply terminal block 0.000.00 in ² (0.22.5 mm ²) rigid AWG 24AWG 12
	Auxiliary power supply terminal block 0.000.00 in ² (0.252.5 mm ²) flexible AWG 24AWG 12
	Fault terminal block 0.000.00 in ² (0.22.5 mm ²) flexible AWG 24AWG 12
	Fault terminal block 0.000.00 in² (0.22.5 mm²) rigid AWG 24AWG 12 Fault terminal block 0.000.00 in² (0.252.5 mm²) flexible AWG 24AWG 12
	Relay test and fault reset terminal block 0.000.00 in ² (0.22.5 mm ²) flexible AWG 12
	24AWG 12
	Relay test and fault reset terminal block 0.000.00 in ² (0.22.5 mm ²) rigid AWG 24AWG 12
	Relay test and fault reset terminal block 0.00…0.00 in ² (0.25…2.5 mm ²) flexible AWG 24AWG 12
	Sensor terminal block 0.000.00 in² (0.22.5 mm²) flexible AWG 24AWG 12
	Sensor terminal block 0.000.00 in ² (0.22.5 mm ²) rigid AWG 24AWG 12 Sensor terminal block 0.000.00 in ² (0.252.5 mm ²) floxible AWC 24AWG 12
	Sensor terminal block 0.000.00 in ² (0.252.5 mm ²) flexible AWG 24AWG 12 Voltage presence terminal block 0.000.00 in ² (0.22.5 mm ²) flexible AWG
	24AWG 12
	Voltage presence terminal block 0.000.00 in² (0.22.5 mm²) rigid AWG 24AWG
	12
	Voltage presence terminal block 0.000.00 in ² (0.252.5 mm ²) flexible AWG 24AWG 12
Wire Stripping Length	Auxiliary power supply: 0.28 in (7 mm)
	Fault: 0.28 in (7 mm) Relay test and fault reset: 0.28 in (7 mm)
	Sensor: 0.28 in (7 mm)
	Voltage presence: 0.28 in (7 mm)
Tightening Torque	Auxiliary power supply: 5.31 lbf.in (0.6 N.m)
	Fault: 5.31 lbf.in (0.6 N.m)
	Relay test and fault reset: 5.31 lbf.in (0.6 N.m)
	Sensor: 5.31 lbf.in (0.6 N.m)
	Voltage presence: 5.31 lbf.in (0.6 N.m)
Standards	EN/IEC 60947-2 Annex M
	EN/IEC 60755
	UL 1053 CAN/CSA C22.2 No. 144
Width	
	2.83 in (72 mm)
Height	2.83 in (72 mm)
Depth	3.07 in (78 mm)
Cut-Out Dimensions	68 x 68 mm
Net Weight	0.66 lb(US) (0.3 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 IEC 60695-2-1
	IK protection 2 joulesIK07 EN 50102
	Vibrations 13.2100 Hz0.7 g Vibrations 213.2 Hz+/- 1 mm

Environment

Overvoltage Category	IV
Electrical Shock Protection Class	Class II

Electromagnetic Compatibility	Conducted and radiated emissionsB CISPR 11 Conducted radio-frequency immunity test3 IEC 61000-4-6 Electrostatic discharge immunity test4 IEC 61000-4-2 High-energy conducted susceptibility4 IEC 61000-4-5 Low-energy conducted susceptibility4 IEC 61000-4-4 Radiated susceptibility3 IEC 61000-4-3
Relative Humidity	95 % 131 °F (55 °C)
Pollution Degree	3 IEC 60664-1
Ambient Air Temperature For Operation	-31158 °F (-3570 °C)
Ambient Air Temperature For Storage	-67185 °F (-5585 °C)

Ordering and shipping details

Category	US10DE201101
Discount Schedule	0DE2
Gtin	03303430562009
Returnability	No
Country Of Origin	FR

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

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 >



RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Eu Rohs Directive	Compliant
	EU RoHS Declaration
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information.
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
California Proposition 65	WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov