

Product datasheet

Specifications



residual current protection relay.
VigiPacT RH10P. 250 mA.
220/240 VAC 50/60 Hz. front panel
mounting

56234

Price: 5,987.48 ZAR

Main

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	Type A
Type Of Setting	None
Residual Earth-Leakage Sensitivity Adjustment Type	Fixed
Earth-Leakage Sensitivity	0.25 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 at 12 V
[Us] Rated Supply Voltage	220...240 V AC 50/60 Hz 55...110 %
Power Consumption In Va	4 VA
Monitored Distribution System	1000 V - AC at 50/60 Hz (maximum) 1000 V - AC at 400 Hz (maximum)
Earthing System	IT TT TN-S
[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)
Type Of Measurement	Earth fault current internal measurement, range: 80...100 %
Tamperproof Of Settings	Protected by sealable cover

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Connections - Terminals	<p>Auxiliary power supply: terminal block cable(s) 0.2...2.5 mm² flexible AWG 24...AWG 12</p> <p>Auxiliary power supply: terminal block cable(s) 0.2...2.5 mm² rigid AWG 24...AWG 12</p> <p>Auxiliary power supply: terminal block cable(s) 0.25...2.5 mm² flexible AWG 24...AWG 12</p> <p>Fault: terminal block cable(s) 0.2...2.5 mm² flexible AWG 24...AWG 12</p> <p>Fault: terminal block cable(s) 0.2...2.5 mm² rigid AWG 24...AWG 12</p> <p>Fault: terminal block cable(s) 0.25...2.5 mm² flexible AWG 24...AWG 12</p> <p>Relay test and fault reset: terminal block cable(s) 0.2...2.5 mm² flexible AWG 24...AWG 12</p> <p>Relay test and fault reset: terminal block cable(s) 0.2...2.5 mm² rigid AWG 24...AWG 12</p> <p>Relay test and fault reset: terminal block cable(s) 0.25...2.5 mm² flexible AWG 24...AWG 12</p> <p>Sensor: terminal block cable(s) 0.2...2.5 mm² flexible AWG 24...AWG 12</p> <p>Sensor: terminal block cable(s) 0.2...2.5 mm² rigid AWG 24...AWG 12</p> <p>Sensor: terminal block cable(s) 0.25...2.5 mm² flexible AWG 24...AWG 12</p> <p>Voltage presence: terminal block cable(s) 0.2...2.5 mm² flexible AWG 24...AWG 12</p> <p>Voltage presence: terminal block cable(s) 0.2...2.5 mm² rigid AWG 24...AWG 12</p> <p>Voltage presence: terminal block cable(s) 0.25...2.5 mm² flexible AWG 24...AWG 12</p>
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Wire Stripping Length	<p>Auxiliary power supply: 7 mm</p> <p>Fault: 7 mm</p> <p>Relay test and fault reset: 7 mm</p> <p>Sensor: 7 mm</p> <p>Voltage presence: 7 mm</p>
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Tightening Torque	<p>Auxiliary power supply: 0.6 N.m</p> <p>Fault: 0.6 N.m</p> <p>Relay test and fault reset: 0.6 N.m</p> <p>Sensor: 0.6 N.m</p> <p>Voltage presence: 0.6 N.m</p>
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Standards	<p>EN/IEC 60947-2 Annex M</p> <p>EN/IEC 60755</p> <p>UL 1053</p> <p>CAN/CSA C22.2 No. 144</p>
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Width	72 mm
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Height	72 mm
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Depth	78 mm
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Cut-Out Dimensions	68 x 68 mm
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Net Weight	0.3 kg
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Ip Degree Of Protection	<p>IP40 on front face: conforming to EN/IEC 60529</p> <p>IP30 on side parts: conforming to EN/IEC 60529</p> <p>IP20 on connection terminals: conforming to EN/IEC 60529</p>
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Ik Degree Of Protection	IK07 conforming to EN 50102
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Mechanical Robustness	<p>Fire resistance conforming to IEC 60695-2-1</p> <p>IK protection 2 joules: IK07 conforming to EN 50102</p> <p>Vibrations 13.2...100 Hz: 0.7 g</p> <p>Vibrations 2...13.2 Hz: +/- 1 mm</p>
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Environment

Overvoltage Category	IV
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Electrical Shock Protection Class	Class II
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Electromagnetic Compatibility	<p>Conducted and radiated emissions: , B, conforming to CISPR 11</p> <p>Conducted radio-frequency immunity test: , 3, conforming to IEC 61000-4-6</p> <p>Electrostatic discharge immunity test: , 4, conforming to IEC 61000-4-2</p> <p>High-energy conducted susceptibility: , 4, conforming to IEC 61000-4-5</p> <p>Low-energy conducted susceptibility: , 4, conforming to IEC 61000-4-4</p> <p>Radiated susceptibility: , 3, conforming to IEC 61000-4-3</p>
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Relative Humidity	95 % at 55 °C
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Pollution Degree	3 conforming to IEC 60664-1
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Ambient Air Temperature For Operation	-35...70 °C
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Ambient Air Temperature For Storage -55...85 °C

Packing Units

Unit Type Of Package 1 PCE

Number Of Units In Package 1 1

Contractual warranty

Warranty 18 months

Sustainability

Green Premium™ 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-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

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

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

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)