

Product datasheet

Specifications



rectangular sensor L1 type, Vigirex,
280 mm X 115 mm, 1600 A

Local distributor code: 399355110 56053

EAN Code : 3303430560531

Main

Range	VigiPacT
Device short name	L
Product or component type	Earth leakage current sensor
Device application	Equipment monitoring and control
Range compatibility	VigiPacT RH10M residual current protection relay VigiPacT RH10P residual current protection relay VigiPacT RH21M residual current protection relay VigiPacT RH21P residual current protection relay VigiPacT RH68M residual current protection relay VigiPacT RH86M residual current protection relay VigiPacT RH86P residual current protection relay VigiPacT RH99M residual current protection relay VigiPacT RH99P residual current protection relay VigiPacT RH197M residual current protection relay VigiPacT RH197P residual current protection relay VigiPacT RHU residual current protection relay VigiPacT RHUs residual current protection relay VigiPacT RMH residual current protection relay
Current sensor type	Rectangular sensor
[I _e] rated operational current	1600 A

Complementary

Transformer ratio	1/1000
[I _{cw}] rated short-time withstand current	100 kA for 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s
Overvoltage category	IV
[U _{imp}] rated impulse withstand voltage	12 kV
Mounting mode	Fixed (cables) Fixed (busbar)
Connections - terminals	Screw connection 0.2...2.5 mm ²
Net weight	13.26 kg
Height	Outside: 233 mm Inside: 115 mm
Width	Outside: 381 mm Inside: 280 mm 233 mm
Depth	Outside: 71 mm

Inside: 71 mm

381 mm

71 mm

Environment

IP degree of protection	Connectors: IP20 IP30
Environmental characteristic	Exposure to damp heat not in service (25...55 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30 Salt mist: Kb/2 conforming to IEC 60068-2-52 Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56
Ambient air temperature for operation	-35...80 °C
Ambient air temperature for storage	-55...100 °C
Standards	IEC 60947-2
Product certifications	CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.0 cm
Package 1 Width	30.0 cm
Package 1 Length	46.0 cm
Package 1 Weight	10.82 kg
Unit Type of Package 2	P12
Number of Units in Package 2	15
Package 2 Height	67.0 cm
Package 2 Width	80.0 cm
Package 2 Length	120.0 cm
Package 2 Weight	193.425 kg

Offer Sustainability

REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope)
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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Recommended replacement(s)