

Product datasheet

Specifications



closed toroid A type, for Vigirex and Vigilhom, PA50, inner diameter 50 mm, rated current 85 A

Local distributor code:

383073783

50438

EAN Code: 3303430504382

Main

Range	VigiPacT
Device short name	PA50
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	A type closed toroid
[I _e] rated operational current	85 A

Complementary

Transformer ratio	1/1000
Network frequency	50/60 Hz 400 Hz
[I _{cw}] rated short-time withstand current	85 kA for 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s conforming to IEC 60947-2
[U _i] rated insulation voltage	1000 V
Overvoltage category	IV
[U _{imp}] rated impulse withstand voltage	12 kV
Mounting mode	Fixed (plain backplate) Fixed (profiled sheet metal) Fixed (slotted backplate) Clip-on (DIN rail) Clip-on (Vigirex relay)
Calorific value	1.42 MJ
Connections - terminals	Screw connection 0.22...2.5 mm ²
Diameter	50.4 mm inner:
Net weight	0.2 kg
Height	100 mm

Width	88 mm
Depth	29 mm

Environment

IP degree of protection	IP30 Connectors: IP20
Environmental characteristic	Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56 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
Pollution degree	Level 3 conforming to IEC 60664-1
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °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	3.000 cm
Package 1 Width	9.000 cm
Package 1 Length	15.000 cm
Package 1 Weight	180.000 g
Unit Type of Package 2	S04
Number of Units in Package 2	100
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	18.766 kg

Logistical informations

Country of origin	FR
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint	15
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Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
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Packaging without single use plastic	No
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EU RoHS Directive	Compliant
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SCIP Number	78b0d24c-0e62-4f91-9397-1958e4735328
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REACH Regulation	REACH Declaration
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Use Again

Repack and remanufacture

End of life manual availability	End of Life Information
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Take-back	No
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WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
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Technical Illustration

Assembly's dimensions

