Product data sheet

Specifications

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

50438

Product availability: Stock - Normally stocked in distribution facility

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
[Ie] rated operational current	85 A

Complementary

Transformer ratio	1/1000
Network Frequency	50/60 Hz 400 Hz
[Icw] rated short-time withstand current	85 kA 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s IEC 60947-2
[Ui] Rated Insulation Voltage	1000 V
Overvoltage category	IV
[Uimp] 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 0.0003…0.004 in² (0.22…2.5 mm²)
Diameter	Inner 2.0 in (50.4 mm)
Product Weight	0.4 lb(US) (0.2 kg)
Height	3.9 in (100 mm)

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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Width	3.5 in (88 mm)
Depth	1.1 in (29 mm)

Environment

IP Degree of Protection	IP30 Connectors IP20
Environmental characteristic	Exposure to damp heat in servicecategory C2 48 hours IEC 60068-2-56 Exposure to damp heat not in service 25...55 °C, RH 95 %) 28 cycles IEC 60068-2-30 Salt mistKb/2 IEC 60068-2-52
Pollution degree	Level 3 IEC 60664-1
Ambient Air Temperature for Operation	-31…158 °F (-35…70 °C)
Ambient Air Temperature for Storage	-67…185 °F (-55…85 °C)
Standards	IEC 60947-2
Product Certifications	CE

Ordering and shipping details

Category	US10DE201078
Discount Schedule	0DE2
GTIN	3303430504382
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	1.181 in (3.000 cm)
Package 1 Width	3.543 in (9.000 cm)
Package 1 Length	5.906 in (15.000 cm)
Package weight(Lbs)	6.349 oz (180.000 g)
Unit Type of Package 2	S04
Number of Units in Package 2	100
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	15.748 in (40.000 cm)
Package 2 Length	23.622 in (60.000 cm)
Package 2 Weight	41.372 lb(US) (18.766 kg)

Contractual warranty

Warranty (in months)	18

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 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**15 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**0 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.3 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**78b0d24c-0e62-4f91-9397-1958e4735328**
EU RoHS Directive	**Compliant**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
California proposition 65	**WARNING: This product can expose you to chemicals including: DINP, which is known to the State of California to cause cancer, and DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**10**
Circularity Profile	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**