

# Product datasheet

Specifications



closed toroid A type, for Vigirex and  
Vigilhom, IA80, inner diameter 80  
mm, rated current 160 A

Local distributor code:

383073767

50439

**EAN Code: 3303430504399**

## Main

Range	VigiPacT
Device short name	IA80
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	160 A

## Complementary

Transformer ratio	1/1000
Network frequency	50/60 Hz 400 Hz
[Icw] 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
[Ui] rated insulation voltage	1000 V
Overvoltage category	IV
[Uimp] rated impulse withstand voltage	12 kV
Mounting mode	Fixed (cables) Fixed (plain backplate) Fixed (profiled sheet metal) Fixed (slotted backplate) Clip-on (DIN rail)
Calorific value	3.19 MJ
Connections - terminals	Screw connection 0.22...2.5 mm <sup>2</sup>
Diameter	80 mm inner:
Net weight	0.42 kg
Height	122 mm

<b>Width</b>	150 mm
<b>Depth</b>	44 mm

## Environment

<b>IP degree of protection</b>	IP30 Connectors: IP20
<b>Environmental characteristic</b>	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
<b>Pollution degree</b>	Level 3 conforming to IEC 60664-1
<b>Ambient air temperature for operation</b>	-35...70 °C
<b>Ambient air temperature for storage</b>	-55...85 °C
<b>Standards</b>	IEC 60947-2
<b>Product certifications</b>	CE

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	5.400 cm
<b>Package 1 Width</b>	13.200 cm
<b>Package 1 Length</b>	16.400 cm
<b>Package 1 Weight</b>	317.800 g
<b>Unit Type of Package 2</b>	S04
<b>Number of Units in Package 2</b>	40
<b>Package 2 Height</b>	30.000 cm
<b>Package 2 Width</b>	40.000 cm
<b>Package 2 Length</b>	60.000 cm
<b>Package 2 Weight</b>	13.412 kg

## Logistical informations

<b>Country of origin</b>	FR
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## Contractual warranty

<b>Warranty</b>	18 months
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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 28

Environmental Disclosure [Product Environmental Profile](#)

### Use Better

#### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic Yes

[EU RoHS Directive](#) Compliant

SCIP Number 78b0d24c-0e62-4f91-9397-1958e4735328

REACH Regulation [REACH Declaration](#)

### Use Again

#### Repack and remanufacture

End of life manual availability [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

