Product data sheet Characteristics

50439

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





Main

Range	VigiPacT	VigiPacT	
Device short name	IA80	IA80	
Product or component type	Earth leakage current sensor	Earth leakage current sensor	
Device application	Equipment monitoring and control	Equipment monitoring and control	
Range compatibility	RH10M residual current protection relay RH10P residual current protection relay RH21M residual current protection relay RH21P residual current protection relay RH68M residual current protection relay RH86M residual current protection relay RH86P residual current protection relay RH99M residual current protection relay RH99M residual current protection relay RH99P residual current protection relay RH197M residual current protection relay RH197P residual current protection relay RHU residual current protection relay RHU residual current protection relay RHUs residual current protection relay		
Current transformer type	A type closed toroid		
[le] rated operational current	160 A		

Complementary

Transformer ratio	1/1000
Network type	AC/DC
Network frequency	45440 Hz
[lcw] rated short-time withstand current	100 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 mm ²
Diameter	80 Mm inner:
Cable outer diameter	40 Mm: 95 mm² (maximum)

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not interneted as a substitute for and is not to be used for determining suitability or reliability of these products with expect to the relevant specific application it is the douty of any sub user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or substitiaries shall be responsible or liable for misuse of the information contained herein.

Net weight	0.42 Kg
Height	122 Mm
Width	150 Mm
Depth	44 Mm

Environment

IP degree of protection	Connectors: IP20 IP30
Environmental characteristic	Exposure to damp heat not in service (2555 °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
Pollution degree	Level 3 conforming to IEC 60664-1
Ambient air temperature for operation	-3570 °C
Ambient air temperature for storage	-5585 °C
Standards	IEC 60947-2
Product certifications	CE

Packing Units

r acking office	
Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	332 G
Package 1 Height	5.4 Cm
Package 1 width	13.2 Cm
Package 1 Length	16.4 Cm
Unit Type of Package 2	S04
Number of Units in Package 2	40
Package 2 Weight	14.046 Kg
Package 2 Height	30 Cm
Package 2 width	40 Cm
Package 2 Length	60 Cm

Offer Sustainability

Sustainable offer status	Green Premium product	
EU RoHS Directive	Compliant E EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₫Yes	
China RoHS Regulation	☑ China RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	☐ End Of Life Information	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

Contractual warranty

Warranty 1	8 months
------------	----------

Product Life Status:	Commercialised	

