



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 type	AC/DC
Network Frequency	45...440 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 cables) Fixed plain backplate) Fixed profiled sheet metal) Fixed slotted backplate) Clip-on DIN rail)
Calorific value	3.19 MJ
Connections - terminals	Screw connection 0.00 in ² (0.22 mm ²)
Diameter	Inner 3.15 in (80 mm)
Cable outer diameter	1.57 in (40 mm) 0.15 in ² (95 mm ²)
Net Weight	0.93 lb(US) (0.42 kg)
Height	4.80 in (122 mm)
Width	5.91 in (150 mm)
Depth	1.73 in (44 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 IEC 60068-2-30 Salt mistKb/2 IEC 60068-2-52 Exposure to damp heat in servicecategory C2 48 hours IEC 60068-2-56
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	01078-DE2 MISC
Discount Schedule	DE2
GTIN	3303430504399
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.13 in (5.4 cm)
Package 1 Width	5.20 in (13.2 cm)
Package 1 Length	6.46 in (16.4 cm)
Package 1 Weight	11.71 oz (332.0 g)
Unit Type of Package 2	S04
Number of Units in Package 2	40
Package 2 Height	11.81 in (30.0 cm)
Package 2 Width	15.75 in (40.0 cm)
Package 2 Length	23.62 in (60.0 cm)
Package 2 Weight	30.97 lb(US) (14.046 kg)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
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	18 months
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