



Main

Range	Vigirex
Device short name	IA80
Product or component type	Earth leakage current sensor
Device application	Equipment monitoring and control
Range compatibility	Vigirex RH plug-in relay
[Ie] rated operational current	160 A

Complementary

Current sensor type	A type closed toroid
Network type	AC DC
Network frequency	45...440 Hz
[Ui] rated insulation voltage	1000 V
Transformer ratio	1/1000
[Icw] rated short-time withstand current	100 kA 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s IEC 60947-2
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)
Maximum Height	4.80 in (122 mm)
Maximum Width	5.91 in (150 mm)
Maximum 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 mist Kb/2 IEC 60068-2-52 Exposure to damp heat in service category 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)

Ordering and shipping details

Category	01078 - DE2 MISC
Discount Schedule	DE2
GTIN	00785901718550
Nbr. of units in pkg.	1
Package weight(Lbs)	0.72 lb(US) (0.33 kg)
Returnability	Yes
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
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)
Unit Type of Package 2	S04
Number of Units in Package 2	40
Package 2 Weight	30.97 lb(US) (14.046 kg)
Package 2 Height	11.81 in (30 cm)
Package 2 width	15.75 in (40 cm)
Package 2 Length	23.62 in (60 cm)

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant 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	18 months
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