



Main

Range	Vigirex
Device short name	POA
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	85 A

Complementary

Current transformer type	OA type split toroid
Network type	DC AC
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 conforming to IEC 60947-2
Overvoltage category	IV
[Uimp] rated impulse withstand voltage	12 kV
Mounting mode	Fixed plain backplate Fixed profiled sheet metal Fixed slotted backplate
Calorific value	8.02 MJ
Connections - terminals	Screw : 0.22 mm ²
Diameter	46 mm (inner)
Cable outer diameter	23 mm : 50 mm ² (maximum)
Product weight	1.3 kg
Height	148 mm
Width	148 mm
Depth	38 mm
Compatibility code	POA
Market segment	Small commercial Residential

Environment

Environmental characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30 : 28 cycles 25...55 °C, RH 95 % Salt mist conforming to IEC 60068-2-52 : Kb/2 Exposure to damp heat in service conforming to IEC 60068-2-56 : 48 hours : category C2
Pollution degree	Level 3 conforming to IEC 60664-1
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C

Contractual warranty

Warranty period	18 months
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