



Main

Range	Vigirex
Device short name	TOA
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	250 A

Complementary

Current transformer type	OA type split toroid
Network type	AC DC
Network frequency	50...400 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 2.5 kA / 1 s conforming to 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
Calorific value	16.35 MJ
Connections - terminals	Screw : 0.22 mm ²
Diameter	120 mm (inner)
Cable outer diameter	55 mm : 240 mm ² (maximum)
Product weight	1.5 kg
Height	224 mm
Width	224 mm
Depth	44 mm

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Environment

IP degree of protection	Connectors : IP20 IP30
IK degree of protection	IK07 EN 62262
Environmental characteristic	Exposure to damp heat in service conforming to IEC 60068-2-56 : 48 hours environment category C2 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
Pollution degree	Level 3 conforming to IEC 60664-1
Standards	UL 1053 IEC 60044-1 CSA C22.2
Product certifications	CE
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C