



Main

Range of product	Vigilohm Vigirex
Device short name	PA50
Product or component type	Earth leakage current sensor

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 conforming to IEC 60947-2
Overvoltage category	IV
[Uimp] rated impulse withstand voltage	12 kV
Mounting mode	Fixed
Mounting support	Cables DIN rail Plain backplate Slotted backplate Profiled sheet metal
Mounting position	Horizontal Vertical
Calorific value	1.42 MJ
Connections - terminals	Tunnel type terminals : $\geq 0.22 \text{ mm}^2$
Diameter	50 mm (inner)
Cable outer diameter	25 mm : 50 mm ² (maximum)
Product weight	0.2 kg
Height	108 mm
Width	88 mm
Depth	29 mm

Environment

IP degree of protection	IP30 Connectors : IP20
Environmental characteristic	Salt mist conforming to IEC 60068-2-52 : Kb/2 Exposure to damp heat not in service conforming to IEC 60068-2-30 : 28 cycles 25...55 °C, RH 95 % Exposure to damp heat in service conforming to IEC 60068-2-56 : 48 hours environment 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

Period	18 months
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