



# Product datasheet

Specifications



## Split toroid for residual current protection GOA - Ø 110 mm

50486

-  **Discontinued on:** Sep 4, 2023
-  **To be end-of-service on:** Sep 3, 2026

 **Discontinued**

### Main

Range	Vigirex
Device Short Name	GOA
Product Or Component Type	Earth leakage current sensor
Device Application	Equipment monitoring and control
Current Sensor Type	OA type split toroid
[Ie] Rated Operational Current	250 A

### Complementary

Transformer Ratio	1/1000
Network Type	DC AC
Network Frequency	45...440 Hz
[Icw] Rated Short-Time Withstand Current	100 kA for 0.5 s
Residual Short-Circuit Withstand Current	85 kA / 0.5 s conforming to IEC 60947-2
[Ui] Rated Insulation Voltage	1000 V
Overvoltage Category	IV
[Uimp] Rated Impulse Withstand Voltage	12 kV
Mounting Mode	Fixed (plain backplate) Fixed (profiled sheet metal) Fixed (slotted backplate)
Calorific Value	16.35 MJ
Connections - Terminals	Screw connection 0.22 mm <sup>2</sup>
Diameter	110 mm inner:
Cable Outer Diameter	55 mm: 240 mm <sup>2</sup> (maximum)
Net Weight	3.2 kg
Height	224 mm
Width	224 mm
Depth	44 mm

### Environment

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Environmental Characteristic	Exposure to damp heat not in service (25...55 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30 Salt mist: Kb/2 conforming to IEC 60068-2-52 Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56
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	18 months
----------	-----------