Product datasheet

Specifications

Green Premium™

VIGILOHM 12 CHANNEL FAULT LOCATOR WITH MODBUS HOSPITAL - 110-230VAC - 125/250VDC

IMDIFL12H

Main

Range	Vigilohm
Device Short Name	IFL12H
Product Or Component Type	Insulation fault locator
Device Application	Hospital
Earthing System	IT
User Language	French German Italian Portuguese Russian Spanish English Chinese

Complementary

Network Rated Voltage	0…230 V - DC 0…230 V - AC at 45...65 Hz
Number Of Channels	12
Type Of Measurement	Network insulation resistance - measurement range: 200 Ohm...250 kOhm
Local Signalling	Yellow indicator light: insulation fault Yellow flashing indicator light: communication Green/red indicator light: product status Green indicator light: satisfactory insulation Yellow flashing indicator light: transient fault
Threshold Setting	Alarm: 50...200 kOhm
Alarm Per Channel	Alarm threshold: settable per feeder
Accuracy	+/- 15 %
Response Time	<= 5 s
Auxiliary Supply Voltage	125...250 V DC +/- 15 % 110...230 V AC 50/60 Hz +/- 15 %
Power Consumption In Va	25 VA
Power Consumption In W	10 W
Test Function	Remote test Manual Auto test at start and every 5h
Output Contact	1 C/O standard or fail-safe
Breaking Capacity	250 V - AC at 6 A 48 V - DC at 1 A
Communication Port Protocol	Modbus

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

Communication Port Support	RS485
Display Type	Digital display
Mounting Mode	Flush-mounted Clip-on
Mounting Support	DIN rail Panel
Mounting Position	Horizontal Vertical
Connections - Terminals	Power supply: removable screw terminal block0.2…2.5 mm² Output relay: removable screw terminal block0.2…2.5 mm² Toroids inputs: removable screw terminal block0.2…1.5 mm² Communication: removable screw terminal block0.2…2.5 mm² Voltage inputs: removable screw terminal block0.2…2.5 mm²
Material	Thermoplastic
Overvoltage Category	III
Net Weight	0.5 kg
Cut-Out Dimensions	92 x 104 mm
Height	110 mm
Width	108 mm
Depth	59 mm

Environment

Ip Degree Of Protection	Case: IP20 Front face: IP54
Environmental Characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30 Exposure to damp heat in service conforming to IEC 60068-2-56 Salt mist conforming to IEC 60068-2-52
Operating Altitude	<= 3000 m
Pollution Degree	2
Relative Humidity	5…92 %
Type Of Installation	Indoor
Standards	IEC 61010-1 IEC 60364-7-710 IEC 61326-2-4 IEC 61557-9
Product Certifications	DNV-GL EAC CE UL cULus
Ambient Air Temperature For Operation	-25…55 °C
Ambient Air Temperature For Storage	-40…85 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	9.7 cm
Package 1 Width	18.2 cm
Package 1 Length	13.5 cm

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Package 1 Weight	550.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	5.14 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Weee   The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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Circularity Profile   End of Life Information