Product datasheet

Specifications

VIGILOHM 12 CHANNEL FAULT LOCATOR - 100-440VAC/DC

IMDIFL12

Main

Range	Vigilohm
Device Short Name	IFL12
Product Or Component Type	Insulation fault locator
Device Application	Marine application Standard environment application
Electrical Circuit Type	Medium or low disturbed network
Electrical Circuit Type	Power circuit
Earthing System	IT

Complementary

Network Rated Voltage	0…1000 V - AC at 45...65 Hz 0…1000 V - DC
Number Of Channels	12
Local Signalling	Yellow indicator light: insulation fault Green/red indicator light: product status Green indicator light: satisfactory insulation Yellow flashing indicator light: transient fault Green indicator light: configured threshold LED Green indicator light: configured filtering LED Yellow steady 1 LED per channel: insulation fault Yellow flashing 1 LED per channel: transient fault/toroid disconnected
Threshold Setting	Alarm: high, medium, low
Alarm Per Channel	Alarm threshold: common to all feeders
Response Time	<= 5 s
Auxiliary Supply Voltage	100...440 V DC +/- 15 % 100...440 V AC 45...65 Hz +/- 15 %
Power Consumption In Va	20 VA
Power Consumption In W	6 W
Test Function	Manual Auto test at start and every 5h
Output Contact	1 C/O standard
Breaking Capacity	250 V - AC at 6 A 48 V - DC at 1 A
Communication Port Protocol	-
Mounting Mode	Flush-mounted Clip-on
Mounting Support	Panel DIN rail

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
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 60364-4-41 IEC 61010-1 IEC 60364-5-51 IEC 61557-9
Product Certifications	DNV-GL CE EAC 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	10.0 cm
Package 1 Width	13.5 cm
Package 1 Length	18.5 cm
Package 1 Weight	519.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	8
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm

Package 2 Weight	4.563 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	64
Package 3 Height	75 cm
Package 3 Width	80 cm
Package 3 Length	60 cm
Package 3 Weight	44.504 kg

Sustainability

Green Premium^{TM} 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

Circularity Profile   End of Life Information