

# Product data sheet

Specifications



## VIGILOHM 12 CHANNEL FAULT LOCATOR WITH MODBUS - 100-440VAC/DC

IMDIFL12C

### Main

Range	Vigilohm
Device Short Name	IFL12C
Product Or Component Type	Insulation fault locator
Device Application	Standard environment application Marine application
Electrical Circuit Type	Medium or low disturbed network
Electrical Circuit Type	Power circuit
Earthing System	IT
Language	Portuguese Russian Chinese French Spanish Italian German English

### 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 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: 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	26 VA
Power Consumption In W	10 W
Test Function	Auto test at start and every 5h Remote test Manual
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

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

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
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	EAC CE DNV-GL 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
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	5.2 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<sub>2</sub> 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	<a href="#">REACH Declaration</a>
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	<a href="#">China RoHS declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	<a href="#">End of Life Information</a>
California Proposition 65	WARNING: Cancer and Reproductive Harm - <a href="#">www.P65Warnings.ca.gov</a>