

IMDIFL12H

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



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
Communication port support	RS485
Display type	Digital display
Mounting mode	Flush-mounted Clip-on
Mounting support	DIN rail Panel
Mounting position	Horizontal Vertical

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Connections - terminals	Power supply: removable screw terminal block0.2...2.5 mm ² Output relay: removable screw terminal block0.2...2.5 mm ² Toroids inputs: removable screw terminal block0.2...1.5 mm ² Communication: removable screw terminal block0.2...2.5 mm ² Voltage inputs: removable screw terminal block0.2...2.5 mm ²
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[RETURN]EAC[RETURN]CE[RETURN]UL[RETURN]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	5.14 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins