

# 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

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[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	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	 <a href="#">End Of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins