

Product datasheet

Specifications



VIGILOHM IM20 - H 110-230 V CA

IMD-IM20-H

Main

Range	Vigilohm
Device Short Name	IM20-H
Product Or Component Type	Insulation monitoring device
Device Application	Hospital
Earthing System	IT
User Language	Russian Spanish French Chinese German Portuguese English Italian

Complementary

Network Rated Voltage	0...230 V - AC at 50/60 Hz (phase to neutral) 0...100 V - DC
Data Recording	Alarm logs
Type Of Measurement	Network insulation resistance - measurement range: 1 kOhm...10 MOhm History of alarms
Local Signalling	Green indicator light: satisfactory insulation resistance Orange indicator light: below fault threshold
Threshold Setting	Fault: 50...500 kOhm
Response Time	<= 1 s
Auxiliary Supply Voltage	125...250 V DC +/- 15 % 110...230 V AC 50/60 Hz +/- 15 %
Power Consumption In Va	12 VA
Measurement Voltage	25 V
Measurement Current	0...0.2 mA
Internal Impedance	110 kOhm - AC at 50/60 Hz
Test Function	Manual
Output Contact	1 C/O standard or fail-safe
Breaking Capacity	250 V - AC at 6 A 12...24 V - DC at 6 A
Input Function	Injection inhibition: 24 V DC 5 mA
Communication Port Protocol	Modbus
Communication Port Support	RS485

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

Display Type	Digital display
Mounting Mode	Clip-on Flush-mounted
Mounting Support	DIN rail Panel
Connections - Terminals	Removable screw terminal block 0.2...2.5 mm ²
Material	Thermoplastic
Net Weight	0.25 kg
Height	110 mm
Width	96 mm
Depth	59 mm

Environment

Dielectric Strength	4000 V - AC 5500 V - DC
Ip Degree Of Protection	Front face: IP52
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
Pollution Degree	2
Type Of Installation	Indoor
Standards	IEC 61010-1 IEC 61557-8 IEC 60364-7-710 IEC 61326-2-4
Product Certifications	DNV EAC BV CE
Ambient Air Temperature For Operation	-25...55 °C
Ambient Air Temperature For Storage	-40...70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.5 cm
Package 1 Width	13.5 cm
Package 1 Length	16.5 cm
Package 1 Weight	438 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	4.177 kg

Contractual warranty

Warranty

18 months

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-CO₂ 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 >](#)

Well-being performance

 Mercury Free

 Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)

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