Product datasheet

Specifications

Green Premium™

VIGILOHM IM9 110-415VCA

IMD-IM9

Main

Range	Vigilohm
Device Short Name	IM9
Product Or Component Type	Insulation monitoring device
Device Application	Marine application Standard environment application
Electrical Circuit Type	Small and not disturbed network
Earthing System	IT

Complementary

Network Rated Voltage	0…600 V - AC at 45...440 Hz (device connected to neutral) 0…480 V - AC at 45...440 Hz (device connected to phase)
Type Of Measurement	Network insulation resistance
Threshold Setting	Pre-alarm: 2...500 kOhm Alarm: 1...250 kOhm
Response Time	<= 7 s
Auxiliary Supply Voltage	110...415 V AC 45...440 Hz +/- 15 % 125...250 V DC +/- 15 %
Power Consumption In Va	7 VA
Measurement Current	0…70 µA
Internal Impedance	230 kOhm - AC at 45...440 Hz
Test Function	Remote test Local
Output Contact	1 C/O standard or fail-safe
Breaking Capacity	250 V - AC at 6 A 12...24 V - DC at 6 A
Communication Port Protocol	-
Mounting Mode	Clip-on Flush-mounted
Mounting Support	DIN rail Panel
Mounting Position	Horizontal Vertical
Connections - Terminals	Tunnel type terminals0.2…2.5 mm²
Material	Thermoplastic
Net Weight	0.2 kg
Height	90 mm

Width	71 mm
Depth	67.5 mm

Environment

Ip Degree Of Protection	Case: IP20 Front face: IP40
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
Type Of Installation	Indoor
Standards	IEC 61557-8 IEC 60664-1
Product Certifications	EAC CE BV RMRS DNV
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	8.000 cm
Package 1 Width	8.400 cm
Package 1 Length	9.600 cm
Package 1 Weight	230.000 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	36
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	8.489 kg

Contractual warranty

Warranty	18 months

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

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Circularity Profile   End of Life Information