Product datasheet

Specifications
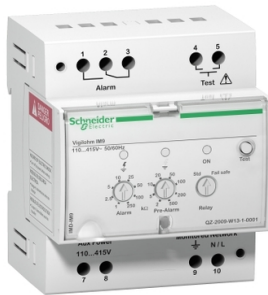
VIGILOHM IM9 - OL 110-415 V CA

IMD-IM9-OL

Main

Range	Vigilohm
Device Short Name	IM9-OL
Product Or Component Type	Insulation monitoring device
Device Application	Off-line motor
Earthing System	TT TN-S IT

Complementary

Network Rated Voltage	0…690 V - AC at 45...440 Hz (phase to phase) 0…690 V - DC (between poles)
Type Of Measurement	Stator insulation resistance
Threshold Setting	Pre-alarm: 0.5...10 MOhm Motor no start: 0.25...2 MOhm
Response Time	<= 2 s
Auxiliary Supply Voltage	110...415 V AC 45...440 Hz +/- 15 % 125...250 V DC +/- 15 %
Internal Impedance	500 kOhm - AC at 45...440 Hz 1 MOhm - DC
Test Function	Manual
Output Contact	1 C/O standard 1 C/O 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 DNV 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	8.000 cm
Package 1 Width	8.500 cm
Package 1 Length	9.500 cm
Package 1 Weight	222.000 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	8.442 kg

Contractual warranty

Warranty	18 months

Sustainability ![Green Premium]

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

Circularity Profile   End of Life Information