

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 terminals 0.2...2.5 mm ²
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 Weight	230 g
Package 1 Height	8.4 cm
Package 1 width	9.6 cm
Package 1 Length	8 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	1
Package 2 Weight	218 g
Package 2 Height	8 cm
Package 2 width	8 cm
Package 2 Length	9.4 cm
Unit Type of Package 3	S03
Number of Units in Package 3	36
Package 3 Weight	8.489 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Compliant  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
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

Contractual warranty

Warranty	18 months
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