



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 M Ω Motor no start: 0.25...2 M Ω
Response time	<= 2 s
Auxiliary supply voltage	110...415 V AC 45...440 Hz +/- 15 % 125...250 V DC +/- 15 %
Internal impedance	500 k Ω - AC at 45...440 Hz 1 M Ω - 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 terminals 0.2...2.5 mm ²
Material	Thermoplastic
Net weight	0.2 kg
Height	90 mm
Width	71 mm
Depth	67.5 mm

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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 Weight	228 g
Package 1 Height	8.4 cm
Package 1 width	9.8 cm
Package 1 Length	8.2 cm
Unit Type of Package 2	S03
Number of Units in Package 2	36
Package 2 Weight	7.939 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Unit Type of Package 3	P06
Number of Units in Package 3	288
Package 3 Weight	69.51 kg
Package 3 Height	75 cm
Package 3 width	60 cm
Package 3 Length	80 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

Contractual warranty

Warranty	18 months
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