



Main

Range	Vigilohm
Device short name	IM9-OL
Product or component type	Insulation monitoring device
Device application	Off-line motor
Earthing system	IT TN-S TT

Complementary

Network rated voltage	0...690 V AC 45...440 Hz phase to phase 0...690 V DC between poles
Resistance measurement per channel	No
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 at 45...440 Hz +/- 15 % 125...250 V - DC +/- 15 %
Internal impedance	1 MOhm - DC 500 kOhm - AC at 45...440 Hz
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	Flush-mounted Clip-on
Mounting support	DIN rail Panel
Mounting position	Horizontal Vertical

Connections - terminals	Tunnel type terminals 0.2...2.5 mm ²
Material	Thermoplastic
Product weight	0.2 kg
Height	90 mm
Width	71 mm
Depth	67.5 mm

Environment

IP degree of protection	Front face : IP40 Case : IP20
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	CE DNV EAC
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-40...70 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available Product Environmental Profile
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
-----------------	-----------