

Main

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|---------------------------|------------------------------|
| 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

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| 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 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

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| 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

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|------------------------------|----------|
| 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

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|----------------------------|---|
| 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

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| Warranty | 18 months |
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