

Lembar data produk

Spesifikasi



VIGILOHM IM10 110 - 415 VAC

IMD-IM10

Main

Range	Vigilohm
Range of product	Vigilohm
Product or component type	Insulation monitoring device
product name	Vigilohm IM
Device short name	IM10
Device application	Standard environment application Marine application
electrical circuit type	Medium or low disturbed network
Electrical circuit type	Power circuit Control circuit
Earthing system	IT
User language	Chinese German Italian French Spanish Portuguese Russian English

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) 0...345 V - DC
resistance measurement per channel	No
Type of measurement	Network insulation resistance, range: 0.1 kOhm...10 MOhm, accuracy: +/- 5 %
Configurable filtering time	4 s 40 s 160 s
Response time	0.8 s 1/5th of set filtering time 8 s 1/5th of set filtering time 32 s 1/5th of set filtering time
Local signalling	Green indicator light: satisfactory insulation resistance White indicator light: below prevention threshold Orange indicator light: below fault threshold
Threshold setting	Pre-alarm: 1 kOhm...1 MOhm Alarm: 0.5...500 kOhm
Time delay range	0...5 min for signalling circuit 0...120 min for alarm
Response time	<= 5 s

Disklaimer: Dokumentasi ini tidak ditujukan sebagai pengganti dan tidak untuk digunakan untuk menentukan kesesuaian atau keandalan produk ini untuk aplikasi pengguna

[Us] rated supply voltage	110...415 V AC 50/60 Hz +/- 15 % 110...415 V AC 400 Hz +/- 15 % 125...250 V DC +/- 15 %
Power consumption in VA	12 VA
Power consumption in W	6 W
Overcurrent protection	2 A
Measurement voltage	75 V
Measurement current	0...0.4 mA
Relative impedance	110 kOhm - AC at 0.1...440 Hz
Test function	Manual Auto test at start and every 5h
Signal contacts composition	2 C/O minor, standard or fail-safe
Signalling circuit voltage	250 V - AC at 3 A 48 V - DC at 1 A
Input function	Injection inhibition: 24 V DC 5 mA
Communication port protocol	-
Input type	Contact for injection inhibition Dry contact
Display type	Digital display
Mounting mode	Clip-on Flush-mounted
Mounting support	Panel DIN rail
Connections - terminals	Removable screw terminal block0.2...2.5 mm²
Material	Thermoplastic
Overvoltage category	III
Net weight	0.25 kg
Cut-out dimensions	92.4 x 92.4 mm
Height	110 mm
Width	96 mm
Depth	59 mm
Market segment	Small commercial Residential
Compatibility code	IM10

Environment

Dielectric strength	4000 V - AC 5500 V - DC
IP degree of protection	Front face: IP52 Rear: 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
Operating altitude	<= 3000 m
pollution degree	2
Relative humidity	0...92 %
Type of installation	Indoor

Standards	UL 61010-1 IEC 61010-1 IEC 61557-8 IEC 61326-2-4
Product certifications	RMRS DNV CE EAC BV
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	10.500 cm
Package 1 Width	13.800 cm
Package 1 Length	16.800 cm
Package 1 Weight	432.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	4.099 kg

Contractual warranty

Warranty	18 months
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Environmental Data

Schneider Electric bertujuan untuk mencapai status Net Zero pada tahun 2050 melalui kemitraan rantai pasokan, bahan baku yang lebih rendah, dan beredar melalui kampanye "Use Better, Use Longer, Use Again" untuk memperpanjang masa pakai dan daur ulang produk.

[Environmental Data dijelaskan >](#)

[Bagaimana kami menilai keberlanjutan produk >](#)

Jejak lingkungan	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	369
Use Better	
Bahan dan Pengemasan	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	C60f937c-f0cd-469b-9614-ee23abf8d5dc
REACH Regulation	REACH Declaration
Use Again	
Repak dan remanufaktur	
Take-back	No
WEEE	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins