



Main

Range	VigiloHM
Device short name	IM20-H
Product or component type	Insulation monitoring device
Device application	Hospital
Earthing system	IT
Language	Chinese English French German Italian Portuguese Russian Spanish

Complementary

Network rated voltage	0...230 V AC 50/60 Hz phase to neutral 0...100 V DC
Resistance measurement per channel	No
Data recording	Alarm logs
Type of measurement	Network insulation resistance : 1 kOhm...10 MOhm History of alarms
Local signalling	Green indicator light : satisfactory insulation resistance Orange indicator light : below fault threshold
Threshold setting	Fault : 50...500 kOhm
Response time	<= 1 s
Auxiliary supply voltage	125...250 V - DC +/- 15 % 110...230 V - AC at 50/60 Hz +/- 15 %
Power consumption in VA	12 VA
Measurement voltage	25 V
Measurement current	0...0.2 mA
Internal impedance	110 kOhm - AC at 50/60 Hz
Test function	Manual

Output contact	1 C/O standard or fail-safe
Breaking capacity	250 V - AC at 6 A 12...24 V - DC at 6 A
Input function	Injection inhibition : 24 V DC 5 mA
Communication port protocol	Modbus
Communication port support	RS485
Display type	Digital display
Mounting mode	Flush-mounted Clip-on
Mounting support	DIN rail Panel
Connections - terminals	Removable screw terminal block 0.2...2.5 mm ²
Material	Thermoplastic
Product weight	0.25 kg
Height	110 mm
Width	96 mm
Depth	59 mm

Environment

Dielectric strength	4000 V - AC 5500 V - DC
IP degree of protection	Front face : IP52
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
Pollution degree	2
Type of installation	Indoor
Standards	IEC 61010-1 IEC 61557-8 IEC 60364-7-710 IEC 61326-2-4
Product certifications	BV 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
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