

Product data sheet

Specifications



insulation monitoring XML308 Vigilohm - 220..240 V AC 50/60 Hz - failsafe

50491

⚠ Discontinued on: Sep 17, 2023

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Main

Range Of Product	Vigilohm
Device Short Name	XML308
Type Of Measurement	Network insulation resistance, earth leakage capacitance, local measurement
Signal Contacts Composition	3 C/O
Earthing System	IT
Display Type	LCD
Scale	0.1...999 kOhm
Number Of Channels	8
Measurement Current	0...5 mA
Measurement Voltage	6 V
Fail Safe Feature	With
[Us] Rated Supply Voltage	220...240 V AC 50/60 Hz tolerance: - 15...10 %
Mounting Position	Horizontal mounting

Complementary

[Ue] Rated Operational Voltage	<= 1000 V AC 45...400 Hz device connected to phase with PHT1000 subassembly <= 1200 V DC device connected with PHT1000 <= 1700 V AC 45...400 Hz device connected to neutral with PHT1000 subassembly <= 440 V AC 45...400 Hz device connected to phase <= 500 V DC <= 760 V AC 45...400 Hz device connected to neutral
Signalling Function	Alarm Device fault Insulation value display Transient fault
Polling Time	15 s
Test Function	Manual, self test
Breaking Capacity	10 A at 24 V DC, L/R = 1 ms 0.45 A at 220 V DC, L/R = 1 ms 0.65 A at 120 V DC, L/R = 1 ms 2.5 A at 48 V DC, L/R = 1 ms 5 A at 230 V AC, cos phi = 0.7 3 A at 400 V AC, cos phi = 0.7
Power Consumption In Va	30 VA
Mounting Mode	Flush-mounted
Mounting Support	Plate Enclosure Cubicle

Disclaimer: 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

Height	129 mm
Width	229 mm
Depth	213.5 mm
Net Weight	4.5 kg
Tamperproof Of Settings	Protected by access code Protected by sealable cover
Auxiliary Connection Terminal	Tunnel type terminalsflexible 0.75...1.5 mm² Tunnel type terminalsrigid 1...1.5 mm²

Environment

Dielectric Strength	2500 V
Ip Degree Of Protection	IP30
Standards	IEC 364 ch 4 and 5 NF C 15-100 §413.4 IEC 61557-8 UTE C 63-080 classes CPI/XA, DLD/M
Ambient Air Temperature For Operation	-5...55 °C
Ambient Air Temperature For Storage	-20...70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	22.6 cm
Package 1 Width	30.4 cm
Package 1 Length	33.1 cm
Package 1 Weight	4.15 kg

Contractual warranty

Warranty	18 months
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