Product datasheet

Specifications

Discontinued

insulation monitoring XM300C Vigilohm - 220..240 V AC 50/60 Hz - fail safe

50541

Discontinued on: 23 Nov 2020

To be end-of-service on: 31 Dec 2026

EAN Code: 3303430505419

Main

Range of product	Vigilohm
Device short name	XM300C
Type of measurement	Network insulation resistance, earth leakage capacitance
Signal contacts composition	3 C/O
Earthing system	IT
Display type	LCD
Scale	0.1...999 kOhm
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
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	Cubicle Plate Enclosure
Height	129 mm
Width	153 mm
Depth	213.5 mm

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

Net weight	3.5 kg
Auxiliary connection terminal	Tunnel type terminals 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 UTE C 63-080 class CPI/XA IEC 61557-8
Ambient air temperature for operation	-5…55 °C
Ambient air temperature for storage	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	21.700 cm
Package 1 Width	22.500 cm
Package 1 Length	32.500 cm
Package 1 Weight	3.422 kg

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained

How we assess product sustainability

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**