

# Product datasheet

Specifications



## insulation monitoring XM300C Vigilohm - 380..415 V AC 50/60 Hz - fail safe

50542

! Discontinued - Service only

! Discontinued on: 13 Oct 2022

! End-of-service on: 13 Oct 2022

EAN Code: 3303430505426

### 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	380...415 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	Enclosure Cubicle Plate
Height	129 mm
Width	153 mm
Depth	213.5 mm

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<b>Product weight</b>	3.5 kg
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<b>Auxiliary connection terminal</b>	Tunnel type terminals 1.5 mm <sup>2</sup>
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## Environment

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<b>Dielectric strength</b>	2500 V
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<b>IP degree of protection</b>	IP30
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<b>Standards</b>	IEC 61557-8 UTE C 63-080 class CPI/XA NF C 15-100 §413.4 IEC 364 ch 4 and 5
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<b>Ambient air temperature for operation</b>	-5...55 °C
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<b>Ambient air temperature for storage</b>	-25...70 °C
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Number of Units in Package 1</b>	1
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<b>Package 1 Height</b>	21.5 cm
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<b>Package 1 Width</b>	21.5 cm
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<b>Package 1 Length</b>	32.5 cm
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<b>Package 1 Weight</b>	3.422 kg
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## Contractual warranty

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<b>Warranty (in months)</b>	18
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## 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