



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	115...127 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	Plate Enclosure Cubicle
Height	129 mm
Width	153 mm

Depth	213.5 mm
Product weight	3.5 kg
Auxiliary connection terminal	Tunnel type terminals, cable cross section: 1.5 mm ²
Compatibility code	XM300C

Environment

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

Contractual warranty

Warranty period	18 months
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