



### Main

Range of product	Vigilohm
Device short name	XML316
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	16
Measurement current	0...5 mA
Measurement voltage	6 V
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
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

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

Mounting support	Cubicle Plate Enclosure
Height	129 mm
Width	229 mm
Depth	213.5 mm
Product weight	4.5 kg
Tamperproof of settings	Protected by access code Protected by sealable cover
Auxiliary connection terminal	Tunnel type terminals, cable cross section: 0.75...1.5 mm <sup>2</sup> flexible Tunnel type terminals, cable cross section: 1...1.5 mm <sup>2</sup> rigid
Compatibility code	XML316

## 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

## Contractual warranty

Warranty period	18 months
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