



### Main

Current transformer type	A type closed toroid
Range of product	Vigilohm Vigirex
Device short name	MA120
Current transformer ratio	1/1000
[Icw] rated short-time withstand current	100 kA / 0.5 s
Residual short-circuit withstand current	85 kA / 0.5 s
[In] rated current	250 A
Width	190 mm
Height	164 mm
Depth	44 mm
Diameter	Inner: 120 mm
Product weight	0.59 kg
[Uimp] rated impulse withstand voltage	12 kV
Overvoltage category	IV
Tightening torque	0.5 N.m cable connector

### Complementary

Mounting support	Cables Plain mounting plate Profiled mounting plate Slotted mounting plate Symmetrical DIN rail
Cable outer diameter	120 mm - cable 240 mm <sup>2</sup> per phase
Auxiliary connection terminal	Cable connector 0.2...2.5 mm <sup>2</sup> (AWG: 24...14) for flexible without cable end Cable connector 0.2...1.5 mm <sup>2</sup> (AWG: 24...14) for flexible with cable end Cable connector 0.2...2.5 mm <sup>2</sup> (AWG: 24...14) for rigid
Cable length	≤ 100 m 1.5 mm <sup>2</sup> ≤ 18 m 0.22 mm <sup>2</sup> ≤ 60 m 0.75 mm <sup>2</sup> ≤ 80 m 1 mm <sup>2</sup>
Wire stripping length	6 mm

### Environment

Standards	IEC 60068-2-30 IEC 60068-2-52 IEC 60068-2-56
IP degree of protection	IP20 connectors IP30
Climatic withstand	Exposure to damp heat in service ( 25...55 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30 Exposure to damp heat not in service ( environment category C2) : 48 hours conforming to IEC 60068-2-56 Heat loss : 3.89 MJ Pollution degree : 3 Salt mist : Kb/2 conforming to IEC 60068-2-52
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-55...85 °C

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RoHS EUR conformity date	0902
RoHS EUR status	Will not be compliant

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