



Main

Current transformer type	A type closed toroid
Range of product	Vigilohm Vigirex
Device short name	GA300
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	630 A
Width	344 mm
Depth	29 mm
Diameter	Inner: 299 mm Outside: 344 mm
Product weight	2.23 kg
[Uimp] rated impulse withstand voltage	12 kV
Overvoltage category	IV

Complementary

Mounting support	Cables Plain mounting plate Profiled mounting plate Slotted mounting plate
Cable outer diameter	299 mm - cable 240 mm ² per phase
Auxiliary connection terminal	Faston connector 1.5 mm ² (AWG: 16) for rigid Faston connector 1 mm ² (AWG: 16) for flexible without cable end
Cable length	≤ 100 m 1.5 mm ² ≤ 80 m 1 mm ²
Wire stripping length	7 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 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
RoHS EUR conformity date	0902
RoHS EUR status	Will not be compliant

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