

Main

Current transformer type	Rectangular sensor
Range of product	Vigilohm Vigirex
Device short name	Rectangular sensor
Current transformer ratio	1/1000
[I _{cw}] rated short-time withstand current	100 kA 0,5 s
Residual short-circuit withstand current	85 kA 0,5 s
[I _n] rated current	1600 A
Width	280 mm inner 381 mm outside
Height	115 mm inner 233 mm outside
Depth	71 mm
Product weight	13,26 kg
[U _{imp}] rated impulse withstand voltage	12 kV
Overvoltage category	IV

Complementary

Mounting mode	By screws
Mounting support	Chassis
Opening of bars	100 x 5 mm
Auxiliary connection terminal	Cable connector 0,2...2,5 mm ² 20...14 flexible with Cable connector 0,2...2,5 mm ² 20...14 flexible without Cable connector 0,2...2,5 mm ² 20...14 rigid
Cable length	≤ 10 m 0,5...2,5 mm ²
Wire stripping length	8...9 mm

Environment

IP degree of protection	IP20 connectors IP30
Climatic withstand	Exposure to damp heat in service 25...55 °C, RH 95 % 28 cycles IEC 60068-2-30 Exposure to damp heat not in service environment category C2 48 hours IEC 60068-2-56 Pollution degree 3 Salt mist Kb/2 IEC 60068-2-52
Ambient air temperature for operation	-35...80 °C
Ambient air temperature for storage	-55...100 °C
RoHS EUR conformity date	0913
RoHS EUR status	Compliant