# Product data sheet Characteristics

# 50442

## Closed toroid for residual current protection GA -Ø 300 mm



#### Main

Wichin		
Range	Vigirex	
Device short name	GA300	
Product or component type	Earth leakage current sensor	
Device application	Equipment monitoring and control	
Range compatibility	Vigirex RH plug-in relay	
[le] rated operational current	630 A	

## Complementary

Main			
Range	Vigirex		
Device short name	GA300		
Product or component type	Earth leakage current sensor		
Device application	Equipment monitoring and control		
Range compatibility	Vigirex RH plug-in relay		
[le] rated operational current	630 A		
Complementary			
Current transformer type	A type closed toroid		
Network type	AC DC		
Network frequency	45440 Hz		
[Ui] rated insulation voltage	Vigirex GA300 Earth leakage current sensor Equipment monitoring and control Vigirex RH plug-in relay 630 A  A type closed toroid  AC DC  45440 Hz 1000 V 1/1000 100 kA / 0.5 s 85 kA / 0.5 s conforming to IEC 60947-2  IV 12 kV Fixed cables		
Transformer ratio	1/1000		
[lcw] rated short-time withstand current	100 kA / 0.5 s		
Residual short-circuit withstand current	85 kA / 0.5 s conforming to IEC 60947-2		
Overvoltage category	IV		
[Uimp] rated impulse withstand voltage	12 kV		
Mounting mode	Fixed cables		
Connections - terminals	Connection by clip: 6.35 mm <sup>2</sup>		
Diameter	291 mm (inner)		
Cable outer diameter	150 mm for 2 cables : 240 mm² (maximum)		
Product weight	2.23 kg		
Height	360 mm outside		
Height	360 mm		
Width	390 mm outside		
Width	390 mm		
Depth	46 mm outside		
Depth	46 mm		
Compatibility code	GA300		
Market segment	Residential		
Mar 13, 2018	Connection by clip: 6.35 mm²  291 mm (inner)  150 mm for 2 cables: 240 mm² (maximum)  2.23 kg  360 mm outside  360 mm  390 mm outside  390 mm  46 mm outside  46 mm  GA300  Residential		

## Environment

IP degree of protection	Connectors : IP20 IP30	
Environmental characteristic	Exposure to damp heat not in service conforming to IEC 60068-2-30 : 28 cycles 2555 °C, RH 95 % Salt mist conforming to IEC 60068-2-52 : Kb/2 Exposure to damp heat in service conforming to IEC 60068-2-56 : 48 hours : category C2	
Pollution degree	Level 3 conforming to IEC 60664-1	
Ambient air temperature for operation	-3570 °C	
Ambient air temperature for storage	-5585 °C	

## Contractual warranty

Warranty period	18 months	

