# Product data sheet Characteristics

# 50441

closed toroid A type, for VigiPacT and Vigilhom, SA200, inner diameter 200 mm, rated current 400 A





#### Main

Range	VigiPacT	
Device short name	SA200	
Product or component type	Earth leakage current sensor	
Device application	Equipment monitoring and control	
Range compatibility	RH10M residual current protection relay	
	RH10P residual current protection relay	
	RH21M residual current protection relay	
	RH21P residual current protection relay	
	RH68M residual current protection relay	
	RH86M residual current protection relay	
	RH86P residual current protection relay	
	RH99M residual current protection relay	
	RH99P residual current protection relay	
	RH197M residual current protection relay	
	RH197P residual current protection relay	
	RHU residual current protection relay	
	RHUs residual current protection relay	
	RMH residual current protection relay	
Current transformer type	A type closed toroid	
[le] rated operational current	400 A	

#### Complementary

Transformer ratio	1/1000
Network type	AC/DC
Network frequency	45440 Hz
[lcw] rated short-time withstand current	100 KA for 0.5 s
Residual short-circuit withstand current	85 KA / 0.5 s conforming to IEC 60947-2
[Ui] rated insulation voltage	1000 V
Overvoltage category	IV
[Uimp] rated impulse withstand voltage	12 KV
Mounting mode	Fixed (cables) Fixed (plain backplate) Fixed (profiled sheet metal) Fixed (slotted backplate)
Calorific value	7.05 MJ
Connections - terminals	Screw connection 0.22 mm²
Diameter	196 Mm inner:
Cable outer diameter	100 Mm for 2 cables : 185 mm² (maximum)
Net weight	1.32 Kg

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Height	256 Mm
Width	274 Mm
Depth	46 Mm

#### Environment

IP degree of protection	Connectors: IP20 IP30
Environmental characteristic	Exposure to damp heat not in service (2555 °C, RH 95 %): 28 cycles conforming to IEC 60068-2-30 Salt mist: Kb/2 conforming to IEC 60068-2-52 Exposure to damp heat in service: category C2: 48 hours conforming-to IEC 60068-2-56
Pollution degree	Level 3 conforming to IEC 60664-1
Ambient air temperature for operation	-3570 °C
Ambient air temperature for storage	-5585 °C
Standards	IEC 60947-2
Product certifications	CE

# Packing Units

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Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	1.1 Kg
Package 1 Height	7.5 Cm
Package 1 width	27 Cm
Package 1 Length	28.4 Cm
Unit Type of Package 2	S04
Number of Units in Package 2	12
Package 2 Weight	13.8 Kg
Package 2 Height	30 Cm
Package 2 width	40 Cm
Package 2 Length	60 Cm
Unit Type of Package 3	P12
Number of Units in Package 3	48
Package 3 Weight	67.864 Kg
Package 3 Height	50 Cm
Package 3 width	80 Cm
Package 3 Length	120 Cm

### Offer Sustainability

Sustainable offer status	Green Premium product	
EU RoHS Directive	Compliant EEU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	₽¥Yes	
China RoHS Regulation	China RoHS Declaration	
Environmental Disclosure	Product Environmental Profile	
Circularity Profile	☐ End Of Life Information	
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins	

# Contractual warranty

Warranty	18 months

Product Life Status :	Commercialised
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