

Product data sheet

Characteristics

METSECT5MC050

current transformer tropicalised DIN mount 500
5 for bars 10x40 20x32 25x25



Main

Range	PowerLogic
Product name	CT
Product or component type	Current transformer
Secondary current	5 A
Accuracy class	Class 0.5 at 10 VA Class 1 at 12 VA
[In] rated current	500 A

Complementary

Current transformer type	Tropicalised for busbar and cable
Current transformer ratio	500/5
[Ith] conventional free air thermal current	30 kA
Dynamic withstand current	2.5 Ith
Maximum safety factor	5
[Ue] rated operational voltage	< 720 V AC 50/60 Hz
[Ui] rated insulation voltage	3 kV
Mounting mode	By screws Insulated locking screw Clip-on
Mounting support	Busbar Mounting plate DIN rail
Width	70 Mm outside: 41 mm inner:
Height	95 Mm outside: 41 mm inner:
Depth	45 Mm frame: 65 mm total:
Diameter	32 mm
Net weight	0.429 kg
[Uimp] rated impulse withstand voltage	3 kV
Electrical insulation class	Class B
Cable outer diameter	32 mm
Opening of bars	40.5 x 10.5 25.5 x 25.5 32.5 x 20.5
Sealing	Without







Environment

Standards	VDE 0414 IEC 61869-2
Product certifications	CE EAC
IP degree of protection	IP20
Relative humidity	0...95 %
Ambient air temperature for operation	-25...60 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	413.0 g
Package 1 Height	7.0 cm
Package 1 width	9.0 cm
Package 1 Length	11.5 cm
Unit Type of Package 2	S03
Number of Units in Package 2	33
Package 2 Weight	14.116 kg
Package 2 Height	30.0 cm
Package 2 width	30.0 cm
Package 2 Length	40.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  EU 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