Product data sheet

Specifications

current transformer tropicalised DIN mount 800 5 for bars 10x40 20x32 25x25

METSECT5MC080

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	800 A

Complementary

Current transformer type	Tropicalised for busbar and cable
Current transformer ratio	800/5
[Ith] conventional free air thermal current	48 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	0.499 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 32.5 x 20.5 25.5 x 25.5
Sealing	Without

Environment

Standards	VDE 0414 IEC 61869-2
Product certifications	CE
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 Height	9.2 cm
Package 1 Width	7.2 cm
Package 1 Length	11.2 cm
Package 1 Weight	430.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	33
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	14.7 kg

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
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
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

Recommended replacement(s)

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