

Product datasheet

Specifications



current transformer tropicalised DIN mount 800 5 cables d. 40 - bars 12x50 20x40

Local distributor code: 397547713 METSECT5MD080

Main

Range	PowerLogic
Product name	CT
Product or component type	Current transformer
Secondary current	5 A
Accuracy class	Class 0.5 at 8 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 Clip-on Insulated locking screw
Mounting support	Busbar Mounting plate DIN rail
Width	70 mm outside:
Height	95 mm outside:
Depth	45 mm frame: 65 mm total:
Diameter	40 mm
Net weight	0.369 kg
[Uimp] rated impulse withstand voltage	3 kV
Electrical insulation class	Class B
Cable outer diameter	40 mm
Opening of bars	50.5 x 12.5

40.5 x 20.5

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 Weight 370.0 g

Package 1 Height 9 cm

Package 1 width 7.5 cm

Package 1 Length 12 cm

Unit Type of Package 2 S03

Number of Units in Package 2 33

Package 2 Weight 16.645 kg

Package 2 Height 30 cm

Package 2 width 30 cm

Package 2 Length 40 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

Contractual warranty

Warranty 18 months