Product data sheet
Characteristics

METSECT5DE100
current transformer tropicalised 1000 5 double output for bars 54x102



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 12 VA Class 1 at 15 VA
[In] rated current	1000 A

Complementary

Current transformer type	Tropicalised for busbar Solid core
Current transformer ratio	1000/5
[Ith] conventional free air thermal current	60 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	Insulated locking screw
Mounting support	Busbar
Width	Inner: 55 mm Outside: 135 mm
Height	Outside: 129 mm Inner: 103 mm
Depth	Frame : 50 mm Total : 85 mm
Net weight	0.642 Kg
[Uimp] rated impulse withstand voltage	3 KV
Electrical insulation class	Class B
Opening of bars	102 x 54
Sealing	With

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	9.8 Cm
Package 1 Width	13.6 Cm
Package 1 Length	17.0 Cm
Package 1 Weight	703.0 G
Unit Type of Package 2	S03
Number of Units in Package 2	10
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	7.517 Kg

Offer Sustainability

Recyclability potential, in %	83
Total lifecycle Carbon footprint	83 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	5.529431644995092
Carbon footprint of the manufacturing phase [A1 to A3]	6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.5370746020834531
Carbon footprint of the distribution phase [A4]	0.5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.07828118935396847
Carbon footprint of the installation phase [A5]	0.1 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	76.31081167905981
Carbon footprint of the use phase [B2, B3, B4, B6]	76 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.9966785066890204
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	83
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	76ef2415-e8df-41ac-934d-14936531e31b
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
End of life manual availability	End Of Life Information
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised