Product data sheet
Characteristics

METSECT5GJ100
PowerLogic Split Core Current Transformer - Type GJ, for bar 85x165, 1000A / 5A



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 10 VA
[In] rated current	1000 A

Complementary

Current transformer type	Standard for busbar Split core
Current transformer ratio	1000/5
[Ith] conventional free air thermal current	1000 A
Maximum safety factor	5
Permissible current	60000 A during 1 s
[Ue] rated operational voltage	< 720 V 50 Hz
[Ui] rated insulation voltage	3 KV 50 Hz for 1 minute
Mounting mode	By screws
Mounting support	DIN rail Fastened onto a surface with screws
Width	Outside: 195 mm Inner: 85 mm
Height	Outside: 243 mm Inner: 165 mm
Depth	79 Mm
Electrical insulation class	Class E
Opening of bars	85 x 165

Environment

Standards	VDE 0414 DIN 42600-2 DIN EN 61869-1 DIN EN 61869-2
Ambient air temperature for operation	-5…40 °C
Ambient air temperature for storage	-25…70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 Cm
Package 1 Width	19.5 Cm
Package 1 Length	25.0 Cm
Package 1 Weight	3.154 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	4
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	12.988 Kg

Offer Sustainability

Recyclability potential, in %	83
Total lifecycle Carbon footprint	135 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	14.732160266320273
Carbon footprint of the manufacturing phase [A1 to A3]	15 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2.3698533905226116
Carbon footprint of the distribution phase [A4]	2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.3329295667260323
Carbon footprint of the installation phase [A5]	0.3 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	112.85847861386814
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	113 kg CO2 eq.
Toxic heavy metal free	Yes
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	4.4952995288262425
Carbon footprint of the end-of-life phase [C1 to C4]	4 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	135
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
REACh Regulation	Free of Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
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