Product data sheet
Characteristics

METSECT5GJ300
PowerLogic Split Core Current Transformer - Type GJ, for bar 85x165, 3000A / 5A



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 15 VA
[In] rated current	3000 A

Complementary

Current transformer type	Standard for busbar Split core
Current transformer ratio	3000/5
[Ith] conventional free air thermal current	3000 A
Maximum safety factor	10
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	20.0 Cm
Package 1 Length	25.0 Cm
Package 1 Weight	3.85 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	3
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	12.0 Kg

Offer Sustainability

Recyclability potential, in %	83
Total lifecycle Carbon footprint	286 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	17.983137928133495
Carbon footprint of the manufacturing phase [A1 to A3]	18 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	2.8928140626227186
Carbon footprint of the distribution phase [A4]	3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.406397854120236
Carbon footprint of the installation phase [A5]	0.4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	258.8234286249744
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	259 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]	5.487286996189294
Carbon footprint of the end-of-life phase [C1 to C4]	5 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	286
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