Product data sheet
Characteristics

METSECT5GG120
PowerLogic Split Core Current Transformer - Type GG, for bar 85x105, 1200A / 5A



Main

Range	PowerLogic
Product or component type	Current transformer
Product name	CT
Secondary current	5 A
Accuracy class	Class 0.5 at 5 VA
[In] rated current	1200 A

Complementary

Current transformer type	Standard for busbar Split core
Current transformer ratio	1200/5
[Ith] conventional free air thermal current	1200 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: 155 mm Inner: 85 mm
Height	Outside: 198.15 mm Inner: 125 mm
Depth	58 Mm
Electrical insulation class	Class E
Opening of bars	85 x 125

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	6.5 Cm
Package 1 Width	16.0 Cm
Package 1 Length	20.0 Cm
Package 1 Weight	1.55 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.0 Cm
Package 2 Width	30.0 Cm
Package 2 Length	40.0 Cm
Package 2 Weight	12.752 Kg

Offer Sustainability

Recyclability potential, in %	83
Total lifecycle Carbon footprint	173 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	7.239964620417381
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.1646394278091463
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.16361472048996512
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	162.56759835360165
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	163 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]	2.209167491972313
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	173
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