Product data sheet
Characteristics

METSECT5GD100
PowerLogic Split Core Current Transformer - Type GD, for bar 55x85, 1000A / 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	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: 125 mm Inner: 55 mm
Height	Outside: 158.15 mm Inner: 85 mm
Depth	58 Mm
Electrical insulation class	Class E
Opening of bars	55 x 85

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	6.500 Cm
Package 1 Width	14.000 Cm
Package 1 Length	17.000 Cm
Package 1 Weight	1.248 Kg
Unit Type of Package 2	S03
Number of Units in Package 2	8
Package 2 Height	30.000 Cm
Package 2 Width	30.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	10.390 Kg

Offer Sustainability

Recyclability potential, in %	83
Total lifecycle Carbon footprint	119 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	6.842934302523526
Carbon footprint of the manufacturing phase [A1 to A3]	7 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.100772104348645
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.15464230033406384
Carbon footprint of the installation phase [A5]	0.2 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	109.0042923915031
REACh free of SVHC	Yes
Carbon footprint of the use phase [B2, B3, B4, B6]	109 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]	2.0880195972512507
Carbon footprint of the end-of-life phase [C1 to C4]	2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	119
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