Product datasheet

Specifications

Green Premium™

Kit 3 PowerLogic SCTR500-1 500/1 class 1 Current Transformers (KSCTR500-1)

EMS58183

Main

Range Of Produc	Easergy ITI3 Easergy Flair 5xx PowerLogic T300
Product Or Component Type	Current transformer
Device Short Name	SCTR500-1
Current Transformer Type	Split core
Primary Current	500 A
Secondary Current	1 A
Current Transformer Ratio	500/1
Network Frequency	50/60 Hz
Accuracy Class	Class 1
Standards	IEC 61869

Complementary

Connector Type	AMP connector
[Ith] Conventional Free Air Thermal Current	50 kA for 1 s
Dynamic Withstand Current	2.5 x Ith
[Ithe] Conventional Enclosed Thermal Current	600 A
Safety Factor	9
Rated Output	1.5 VA
Rated Burden	1.5 Ohm
Highest Voltage For Equipment	< 720 V
[Ui] Rated Insulation Voltage	5 kV for 1 min
Rated Lightning Impulse Level	5 kV
[Uoc] Open Circuit Voltage	1 kV RMS voltage 3 kV peak
Protection Type	Surge arrester
Mounting Support	Cables
Product Compatibility	EMS58130 EMS58131 EMS58132 EMS58133 EMS58134 EMS58135 EMS58136 EMS58137

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Height	35 mm
Diameter	110 mm outer:
Cable Outer Diameter	30…40 mm

Environment

Ip Degree Of Protection	IP30 conforming to IEC 60529
Ik Degree Of Protection	IK07 conforming to IEC 62262
Relative Humidity	0…95 % for 24 hours 0…90 % for 1 month
Ambient Air Temperature For Operation	-40…70 °C
Environmental Characteristic	3C1 conforming to IEC 60721-3-3

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	7.0 cm
Package 1 Width	25.2 cm
Package 1 Length	23.8 cm
Package 1 Weight	2.406 kg
Unit Type Of Package 2	S03
Number Of Units In Package 2	5
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	12.43 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	120
Package 3 Height	95 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	310.32 kg

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Sustainability

Green Premium^{TM} label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant

                                          EU RoHS Declaration

China Rohs Regulation   China RoHS declaration

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information