Product data sheet

Specifications

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

EMS58183

Main

Range of product	Easergy ITI3 Easergy Flair 5xx PowerLogic T300
Device short name	SCTR500-1
Product or component type	Current transformer
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

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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	7.000 cm
Package 1 Width	25.200 cm
Package 1 Length	23.800 cm
Package 1 Weight	2.428 kg
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	12.610 kg
Unit Type of Package 3	P12
Number of Units in Package 3	120
Package 3 Height	95.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	314.640 kg

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained

How we assess product sustainability

Use Better

Materials and Substances

Packaging made with recycled cardboard	**No**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant**
REACh Regulation	**REACh Declaration**

Use Again

Repack and remanufacture

Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**