

Product data sheet

Specifications



Kit 3 PowerLogic SCTR500-1 500/1 class 1 Current Transformers (KSCCTR500-1)

EMS58183

Product availability: Non-Stock - Not normally stocked in distribution facility

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 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 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.

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	1.4 in (35 mm)
Diameter	Outer 4.3 in (110 mm)
Cable outer diameter	1.2...1.6 in (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 % 24 hours 0...90 % 1 month
Ambient Air Temperature for Operation	-40...158 °F (-40...70 °C)
Environmental characteristic	3C1 conforming to IEC 60721-3-3

Ordering and shipping details

Category	US1RTU108642
Discount Schedule	RTU1
GTIN	3606481204721
Returnability	No
Country of origin	TN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.756 in (7.000 cm)
Package 1 Width	9.921 in (25.200 cm)
Package 1 Length	9.370 in (23.800 cm)
Package weight(Lbs)	5.353 lb(US) (2.428 kg)
Unit Type of Package 2	S03
Number of Units in Package 2	5
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	27.800 lb(US) (12.610 kg)
Unit Type of Package 3	P12
Number of Units in Package 3	120
Package 3 Height	37.402 in (95.000 cm)
Package 3 Width	31.496 in (80.000 cm)
Package 3 Length	47.244 in (120.000 cm)
Package 3 Weight	693.663 lb(US) (314.640 kg)

Contractual warranty

Warranty (in months)	18
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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	Free of Substances of Very High Concern above the threshold

Use Longer

Lifetime extension	
Repair	No

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.