

PRODUCT-DETAILS

S803HV-SCL100-SR

S803HV-SCL100-SR



General Information

Extended Product Type	S803HV-SCL100-SR
Product ID	2CCF019049R0001
EAN	7612271437114
Catalog Description	S803HV-SCL100-SR

Long Description

The S803HV-SCL100-SR is a self-resetting short-circuit limiter. It provides full selectivity for the downstream S803HV-K High Performance MCBs. In the event of a downstream short circuit, the S803HV-SCL-SR will react selective to the group of S803HV-K MCBs, and only the faulty circuit will trip, while all other branches in the group protection remain operative. After the downstream device has tripped, the limiter contacts re-close automatically. In combination of S803HV-SCL-SR and S803HV-K the maximum breaking capacity is 15kA at 1000V AC.

Ordering

EAN	7612271437114
Minimum Order Quantity	1 piece
Customs Tariff Number	85362020

Dimensions

Product Net Width	81 mm
Product Net Height	142 mm
Product Net Length	82.5 mm
Product Net Depth / Length	82.5 mm

Product Net Weight	770 g
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Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	152 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	86 mm
Package Level 1 Gross Weight	810 g
Package Level 1 EAN	7612271437114

Environmental

Ambient Air Temperature	Operation -25 ... +60 °C Storage -40 ... +70 °C
RoHS Status	Following EU Directive 2011/65/EU

Additional Information

Connecting Capacity	Flexible 1 ... 50 mm ² Stranded 1 ... 70 mm ²
Degree of Protection	acc. to IEC 60529 IP20
Housing Material	Insulation group I, RAL 7035
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	Any
Mounting Type	DIN rail
Number of Poles	3
Power Loss	23.4 W at Rated Operating Conditions per Pole 7.8 W
Product Main Type	S800HV-SCL
Product Name	Self-resetting short-circuit limiter
Rated Frequency (f)	50...60 Hz
Rated Impulse Withstand Voltage (U _{imp})	8 kV
Rated Insulation Voltage (U _i)	1000 V AC
Rated Operational Current (I _e)	100 A
Rated Operational Voltage	580/1000 V AC
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(580 / 1000 V AC) 10 kA
Rated Uninterrupted Current (I _u)	100 A
Recommended Screw Driver	Pozidriv 2
RoHS Date	20170426
Standards	IEC/EN 60947-2
Terminal Type	Screw Terminals
Tightening Torque	3.5 N·m

Certificates and Declarations (Document Number)

Data Sheet, Technical	2CCC413003C0208
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Information

Declaration of Conformity - CE	2CCC413015D0601
Environmental Information	2CCY413207D0203
Instructions and Manuals	9AKK106930A3418
RoHS Information	2CCC413015D0601 9AKK107680A3903

Classifications

ETIM 4	EC000239 - Current limiter
ETIM 5	EC000239 - Current limiter
ETIM 6	EC000239 - Current limiter
ETIM 7	EC000239 - Current limiter
Object Classification Code	F
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → High Performance Circuit Breakers HPCBs Accessories

