

PRODUCT-DETAILS

## **\$803S-SCL63** \$803S-SCL63



General Information	
Extended Product Type	\$803\$-\$CL63
Product ID	2CCS800900R0301
EAN	7612271208929
Catalog Description	S803S-SCL63
Long Description	The S803S-SCL63 is a 3-pole short-circuit current limiter for 63A with cage terminal. It can be used together with S800 High Performance Circuit Breaker or manual Manual Motor Starter. In combination it ensures reliable switch-off of short-circuits currents up to 100kA at 440V AC. For applications at 690V AC the combination of S803S-SCL and S800 or Manual Motor Starter ensures a protection up to 50kA. The S803S-SCL63 has a lever, so in case of a fault you have to reset it. It means in case of TRIP, you have to switch the S803S-SCL63 at first to OFF and then to ON again.  Only approved combinations between S803S-SCL63 and S800 or Manual Motor Starter are allowed to be used.

## Ordering 3212452 E-Number (Finland) 3212452 EAN 7612271208929 Minimum Order Quantity 1 piece Customs Tariff Number 85363000

Dimensions	
Product Net Width	81 mm
Product Net Height	95 mm

Product Net Length	82.5 mm
Product Net Depth / Length	82.5 mm
Product Net Weight	735 g

Container Information	
Package Level 1 Units	box 1 piece
Package Level 1 Width	105 mm
Package Level 1 Height	99 mm
Package Level 1 Depth / Length	86 mm
Package Level 1 Gross Weight	770 g
Package Level 1 EAN	7612271208929

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

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 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Acc. to IEC 60715 TH35-7	Additional Information	
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           Mounting Position         Any           Mounting Type         DIN rail           Number of Poles         3           Power Loss         12 w           Product Main Type         \$800S-SCL           Product Name         \$50-60 Hz           Rated Frequency (f)         5060 Hz           Rated Impulse         8 kV           Withstand Voltage (U <sub>imp</sub> )         \$60 V AC           (U <sub>t</sub> )         \$60 V AC           Query         \$60 V AC           Current (I <sub>e</sub> )         \$60 V AC           Rated Operational         \$60 V AC           Current (I <sub>e</sub> )         \$60 V AC           Rated Service Short-         \$24 V AC 100 KA           Circuit Breaking         \$28 V 500 V AC) 50 KA           Capacity (I <sub>cs</sub> )         \$28 V 500 V AC) 50 KA           Rated Ultimate Short-         \$24 V AU 51 V AC 100 KA           Circuit Breaking         \$25 V AC 100 KA           Capacity (I <sub>cs</sub> )         \$28 V 500 V AC) 50 KA           Rated Ultimate Short-         \$24 V AU 51 V AC 100 KA	Connecting Capacity	
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		
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 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail acc. to IEC 60715 TH35-7.5 (35 x 7.5		acc. to IEC 60529 IP20
### TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715  ### Mounting Position	Housing Material	Insulation group I, RAL 7035
Mounting Type         DIN rail           Number of Poles         3           Power Loss         12 W at Rated Operating Conditions per Pole 4 W           Product Main Type         \$8005-SCL           Product Name         Short-circuit limiter           Rated Frequency (f)         5060 Hz           Rated Impulse         8 kV           Withstand Voltage (Uimp )         690 V AC           Rated Operational Current (le)         690 V AC           Rated Operational Operational Current (le)         690 V AC           Rated Service Short-Circuit Breaking (254 / 440 V AC) 100 kA         225 / 440 V AC) 100 kA           Capacity (lcs)         (289 / 500 V AC) 65 kA           Rated Ultimate Short-Circuit Breaking (254 / 440 V AC) 100 kA         240 / 415 V AC) 100 kA           Circuit Breaking (254 / 440 V AC) 100 kA         25 / 440 V AC) 100 kA           Circuit Breaking (254 / 440 V AC) 100 kA         25 / 440 V AC) 100 kA           Circuit Breaking (254 / 440 V AC) 100 kA         26 / 440 V AC) 100 kA           Capacity (lcu)         (289 / 500 V AC) 65 kA           Capacity (lcu)         (289 / 500 V AC) 65 kA           Read Uninterrupted (lu)         Pozidriv 2           Recommended Screw (lu)         Pozidriv 2           Driver	Mounting on DIN Rail	TH35-15 (35 $\times$ 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 $\times$ 7.5 mm Mounting Rail) acc. to IEC 60715
Number of Poles         3           Power Loss         12 W at Rated Operating Conditions per Pole 4 W           Product Main Type         \$8005-\$CL           Product Name         Short-circuit limiter           Rated Frequency (f)         5060 Hz           Rated Impulse         8 kV           Withstand Voltage (U <sub>imp</sub> )         690 V AC           (U <sub>i</sub> )         690 V AC           Rated Operational         63 A           Current (I <sub>e</sub> )         690 V AC           Rated Operational         690 V AC           Voltage         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>CS</sub> )         (289 / 500 V AC) 65 kA           Rated Ultimate Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Circuit Breaking         (289 / 500 V AC) 65 kA           Capacity (I <sub>Cu</sub> )         (289 / 500 V AC) 65 kA           Rated Ultimate Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (289 / 500 V AC) 65 kA           Capacity (I <sub>Cu</sub> )         (289 / 500 V AC) 65 kA	Mounting Position	Any
Power Loss         12 W at Rated Operating Conditions per Pole 4 W           Product Main Type         \$8005-SCL           Product Name         Short-circuit limiter           Rated Frequency (f)         5060 Hz           Rated Inpulse         8 kV           Withstand Voltage (Uimp)         690 V AC           (U <sub>1</sub> )         690 V AC           Rated Insulation Voltage         690 V AC           (U <sub>1</sub> )         690 V AC           Rated Operational         690 V AC           Voltage         (240 / 415 V AC) 100 kA           Rated Service Short-         (254 / 440 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cs</sub> )         (289 / 500 V AC) 55 kA           Rated Ultimate Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cs</sub> )         (289 / 500 V AC) 55 kA           Capacity (I <sub>cu</sub> )         (289 / 500 V AC) 65 kA           Current (I <sub>u</sub> )         (289 / 500 V AC) 65 kA           Reted Uninterrupted         (289 / 500 V AC) 50 kA           Reted Uninterrupted         63 A           Current (I <sub>u</sub> )         Pozidriv 2	Mounting Type	DIN rail
Rated Operating Conditions per Pole 4 W	Number of Poles	3
Product Name         Short-circuit limiter           Rated Frequency (f)         5060 Hz           Rated Impulse         8 kV           Withstand Voltage (U <sub>imp</sub> )         690 V AC           (U <sub>1</sub> )         690 V AC           Rated Insulation Voltage         690 V AC           (U <sub>1</sub> )         63 A           Current (I <sub>e</sub> )         63 A           Rated Operational         690 V AC           Voltage         240 / 415 V AC) 100 kA           Rated Service Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cs</sub> )         (289 / 500 V AC) 50 kA           Rated Ultimate Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cu</sub> )         (289 / 500 V AC) 50 kA           Rated Uninterrupted         63 A           Current (I <sub>u</sub> )         63 A           Recommended Screw         Pozidriv 2           Driver	Power Loss	
Rated Frequency (f)         5060 Hz           Rated Impulse         8 kV           Withstand Voltage (Uimp)         690 V AC           (Ui)         690 V AC           (Ui)         63 A           Rated Operational         690 V AC           Voltage         690 V AC           Rated Service Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cs</sub> )         (400 / 690 V AC) 50 kA           Rated Ultimate Short-         (240 / 415 V AC) 100 kA           Circuit Breaking         (254 / 440 V AC) 100 kA           Capacity (I <sub>cu</sub> )         (289 / 500 V AC) 50 kA           Rated Uninterrupted         (289 / 500 V AC) 50 kA           Rated Uninterrupted         63 A           Current (I <sub>u</sub> )         63 A           Recommended Screw         Pozidriv 2           Driver         Pozidriv 2	Product Main Type	S800S-SCL
Rated Impulse 8 kV Withstand Voltage (Uimp )  Rated Insulation Voltage 690 V AC (Ui)  Rated Operational 63 A Current (Ie)  Rated Operational 690 V AC Voltage 690 V AC (Ui)  Rated Service Short- (240 / 415 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 100 kA Capacity (Ics) (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Ultimate Short- (240 / 415 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 50 kA Rated Ultimate Short- (240 / 415 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 100 kA Capacity (Icu) (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Uninterrupted (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Uninterrupted (289 / 500 V AC) 50 kA Rated Uninterrupted (289 / 500 V AC) 50 kA Rated Uninterrupted (280 / 500 V AC) 50 kA Rated Uninterrupted (280 / 500 V AC) 50 kA Rated Uninterrupted (280 / 500 V AC) 50 kA Rated Uninterrupted (380 V AC) 50 kA Rated Uninterrupted	Product Name	Short-circuit limiter
Withstand Voltage (Uimp )       690 V AC (Ui)         Rated Insulation Voltage (Uimp )       690 V AC (Ui)         Rated Operational       63 A Current (Ie)         Rated Operational       690 V AC Voltage         Rated Service Short-       (240 / 415 V AC) 100 kA Circuit Breaking         Circuit Breaking       (254 / 440 V AC) 100 kA Circuit Breaking         Capacity (Ics)       (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Ultimate Short-         Circuit Breaking       (254 / 440 V AC) 100 kA Capacity (Icu)         Capacity (Icu)       (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA (40	Rated Frequency (f)	5060 Hz
(Ui)       63 A         Current (Ie)       63 A         Rated Operational       690 V AC         Voltage       690 V AC         Rated Service Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (Ics)       (289 / 500 V AC) 65 kA         Rated Ultimate Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (Icu)       (289 / 500 V AC) 65 kA         Capacity (Icu)       (289 / 500 V AC) 65 kA         Rated Uninterrupted       63 A         Current (Iu)       63 A         Priver       Pozidriv 2	Rated Impulse Withstand Voltage (U <sub>imp</sub> )	8 kV
Current (Ie)       Rated Operational       690 V AC         Voltage       690 V AC         Rated Service Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (Ics)       (289 / 500 V AC) 65 kA         Kated Ultimate Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Circuit Breaking       (289 / 500 V AC) 65 kA         Capacity (Icu)       (289 / 500 V AC) 65 kA         Rated Uninterrupted       63 A         Current (Iu)       Fozidriv 2         Driver       Pozidriv 2	Rated Insulation Voltage (U <sub>i</sub> )	690 V AC
Voltage  Rated Service Short- Circuit Breaking (254 / 440 V AC) 100 kA Capacity (I <sub>Cs</sub> ) (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Ultimate Short- Circuit Breaking (240 / 415 V AC) 100 kA Circuit Breaking (254 / 440 V AC) 100 kA Capacity (I <sub>Cu</sub> ) (289 / 500 V AC) 65 kA (400 / 690 V AC) 50 kA Rated Uninterrupted Capacity (I <sub>Cu</sub> ) (289 / 500 V AC) 65 kA Current (I <sub>U</sub> ) Recommended Screw Pozidriv 2 Driver	Rated Operational Current (I <sub>e</sub> )	63 A
Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (I <sub>cs</sub> )       (289 / 500 V AC) 65 kA         Kated Ultimate Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (I <sub>cu</sub> )       (289 / 500 V AC) 65 kA         Kated Uninterrupted       (400 / 690 V AC) 50 kA         Current (I <sub>u</sub> )       63 A         Current (I <sub>u</sub> )       Pozidriv 2         Driver       Pozidriv 2	Rated Operational Voltage	690 V AC
Rated Ultimate Short-       (240 / 415 V AC) 100 kA         Circuit Breaking       (254 / 440 V AC) 100 kA         Capacity (I <sub>cu</sub> )       (289 / 500 V AC) 65 kA         Rated Uninterrupted       63 A         Current (I <sub>u</sub> )       Pozidriv 2         Driver       Pozidriv 2	Rated Service Short- Circuit Breaking Capacity (I <sub>cs</sub> )	(254 / 440 V AC) 100 kA (289 / 500 V AC) 65 kA
Rated Uninterrupted 63 A Current (I <sub>u</sub> ) Recommended Screw Pozidriv 2 Driver	Rated Ultimate Short- Circuit Breaking Capacity (I <sub>cu</sub> )	(240 / 415 V AC) 100 kA (254 / 440 V AC) 100 kA (289 / 500 V AC) 65 kA
Driver	Rated Uninterrupted Current (I <sub>u</sub> )	
RoHS Date 20170426		Pozidriv 2
	RoHS Date	20170426

Standards	IEC/EN 60947-2
Suitable For	\$800\$
Terminal Type	Screw Terminals
Tightening Torque	3.5 N⋅m

Certificates and Declarations (Document Nur  Data Sheet, Technical	2CCC413003C0208
Information	
Declaration of	2CCC413015D0601
Conformity - CE	
Environmental	2CCY413207D0203
Information	
Instructions and	9AKK106930A3418
Manuals	
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

 $Low\ Voltage\ Products\ and\ Systems \rightarrow Modular\ DIN\ Rail\ Products \rightarrow High\ Performance\ Circuit\ Breakers\ HPCBs\ Accessories$ 

