

## General Information

<b>Extended Product Type:</b>	SH203-C25NA
<b>Product ID:</b>	2CDS213103R0254
<b>EAN:</b>	4016779631600
<b>Catalog Description:</b>	Miniature Circuit Breaker - SH200 - 4P - C
<b>Long Description:</b>	Compact Home SH200 miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product range SH200 comply with IEC/EN 60898-1, allowing the use for residential applications.

## Additional Information

<b>Actuator Material:</b>	Insulation Group II, Black, Sealable
<b>Actuator Type:</b>	Toggle
<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Built-In Depth (t<sub>2</sub>):</b>	69 mm
<b>Connecting Capacity:</b>	Conductor 25 / 25 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 16 mm <sup>2</sup> Flexible 0.75 ... 16 mm <sup>2</sup> Rigid 0.75 ... 25 mm <sup>2</sup> Stranded 0.75 ... 25 mm <sup>2</sup>
<b>Contact Position Indication:</b>	ON / OFF
<b>Country of Origin:</b>	Germany (DE)
<b>Customs Tariff Number:</b>	85362010
<b>Data Sheet, Technical Information:</b>	2CSC400003B0202
<b>Declaration of Conformity - CE:</b>	2CDK400607D2703
<b>Degree of Protection:</b>	IP20
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>EAN:</b>	4016779631600
<b>EPLAN Catalog Tree:</b>	Electrical engineering / Protection devices / General
<b>EPLAN Function Definition:</b>	NO contact / NO contact, 2 connection points / NO contact, leading 7N_8N Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Electrical Endurance:</b>	20000 AC cycle
<b>Energy Limiting Class:</b>	3
<b>Environmental Conditions:</b>	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
<b>Environmental Information:</b>	2CDK400030D0201
<b>Housing Material:</b>	Insulation Group II, RAL 7035
<b>Industrial IT Certification Level:</b>	0
<b>Installation Size:</b>	acc. to DIN 43880 1
<b>Instructions and Manuals:</b>	2CSC400003B0202
<b>Invoice Description:</b>	SH203-C 25 NA MiniCircuitBreaker C-Char.,6kA,25A,3P,+NA
<b>Mechanical Endurance:</b>	20000 cycle

Minimum Order Quantity:	1 piece
Mounting Position:	Any
Mounting on DIN Rail:	TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715
Number of Poles:	4
Number of Protected Poles:	3
Object Classification Code:	F
Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC
Overvoltage Category:	III
Package Level 1 EAN:	4016779631600
Package Level 1 Gross Weight:	0.51 kg
Package Level 1 Height:	80 mm
Package Level 1 Length:	78 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	92 mm
Package Level 2 EAN:	4016779990554
Pole Net Weight:	0.115 kg
Pollution Degree:	2
Position of Neutral Terminals:	Right
Power Loss:	12.8 W at Rated Operating Conditions per Pole 3.2 W
Power Supply Connection:	Arbitrary
Product Main Type:	SH200
Product Name:	Miniature Circuit Breaker
Product Net Depth:	69 mm
Product Net Height:	85 mm
Product Net Weight:	0.5 kg
Product Net Width:	70 mm
Product Range:	SH200
Rated Current (I <sub>n</sub> ):	25 A
Rated Frequency (f):	50 Hz 60 Hz
Rated Impulse Withstand Voltage (U <sub>imp</sub> ):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC
Rated Short-Circuit Capacity (I <sub>cn</sub> ):	(400 V AC) 6 kA
Rated Voltage (U <sub>r</sub> ):	400 V AC
Recommended Screw Driver:	Pozidriv 2
Reference Ambient Air Temperature:	30 °C
Remarks:	IP40 in enclosure with cover
Resistance to Shock acc. to IEC 60068-2-27:	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 I <sub>n</sub>
RoHS Date:	0335
RoHS Information:	2CDK400003K0201
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Screw Terminal Type:	Cage Terminal
Selling Unit of Measure:	piece
Short Description:	SH203-C 25 NA MiniCircuitBreaker
Standards:	IEC/EN 60898-1
Terminal Type:	Screw Terminals
Tightening Torque:	2 N·m
Tripping Characteristic:	C
UNSPSC:	39121614
Width in Number of Modular Spacings:	4
eClass:	7.0 27141901
Accessories Available:	No