

Products → Low Voltage Products and Systems → Modular DIN Rail Products → Miniature Circuit Breakers MCBs

## General Information

<b>Extended Product Type:</b>	SH203-C63
<b>Product ID:</b>	2CDS213001R0634
<b>EAN:</b>	4016779701310
<b>Catalog Description:</b>	Miniature Circuit Breaker - SH200 - 3P - C - 63 ampere
<b>Long Description:</b>	SH203-C63 MiniCircuitBreaker

## Ordering

<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85362010

## Popular Downloads

<b>Data Sheet, Technical Information:</b>	2CSC400003B0202
<b>Instructions and Manuals:</b>	2CSC400003B0202

## Dimensions

<b>Product Net Width:</b>	52.5 mm
<b>Product Net Depth / Length:</b>	69 mm
<b>Product Net Height:</b>	85 mm
<b>Product Net Weight:</b>	0.375 kg

## Technical

<b>Standards:</b>	IEC/EN 60898-1
<b>Number of Poles:</b>	3
<b>Tripping Characteristic:</b>	C
<b>Rated Current (<math>I_n</math>):</b>	63 A
<b>Rated Operational Voltage:</b>	acc. to IEC 60898-1 400 V AC
<b>Power Loss:</b>	14.4 W at Rated Operating Conditions per Pole 4.8 W
<b>Rated Insulation Voltage (<math>U_i</math>):</b>	acc. to IEC/EN 60664-1 440 V
<b>Operational Voltage:</b>	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC
<b>Rated Frequency (f):</b>	50 Hz 60 Hz
<b>Rated Short-Circuit Capacity (<math>I_{cn}</math>):</b>	(400 V AC) 6 kA
<b>Energy Limiting Class:</b>	3

<b>Overvoltage Category:</b>	III
<b>Pollution Degree:</b>	2
<b>Rated Impulse Withstand Voltage</b> <b>(U<sub>imp</sub>):</b>	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
<b>Dielectric Test Voltage:</b>	50 / 60 Hz, 1 min: 2 kV
<b>Housing Material:</b>	Insulation Group II, RAL 7035
<b>Actuator Type:</b>	Toggle
<b>Contact Position Indication:</b>	ON / OFF
<b>Degree of Protection:</b>	IP20
<b>Remarks:</b>	IP40 in enclosure with cover
<b>Electrical Endurance:</b>	10000 AC cycle
<b>Mechanical Endurance (N<sub>endu</sub>):</b>	20000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Screw Terminal Type:</b>	Cage Terminal
<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>Tightening Torque:</b>	2 N·m
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any

## Environmental

<b>Ambient Air Temperature:</b>	Operation -25 ... +55 °C Storage -40 ... +70 °C
<b>Resistance to Shock acc. to IEC 60068-2-27:</b>	25g / 2 shocks / 13 ms
<b>Resistance to Vibrations acc. to IEC 60068-2-6:</b>	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
<b>Environmental Conditions:</b>	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
<b>RoHS Status:</b>	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Certificates and Declarations (Document Number)

<b>Declaration of Conformity - CE:</b>	2CDK400607D2703
<b>Environmental Information:</b>	2CDK400030D0201

Instructions and Manuals: 2CSC400003B0202

RoHS Information: 2CDK400003K0201

## Container Information

Package Level 1 Units: 1 piece

Package Level 1 Width: 80 mm

Package Level 1 Depth / Length: 58 mm

Package Level 1 Height: 92 mm

Package Level 1 Gross Weight: 0.4 kg

Package Level 1 EAN: 4016779701310

Package Level 2 EAN: 4016779991353

## Classifications

Object Classification Code: F

ETIM 4: EC000042 - Miniature circuit breaker (MCB)

ETIM 5: EC000042 - Miniature circuit breaker (MCB)

ETIM 6: EC000042 - Miniature circuit breaker (MCB)

ETIM 7: EC000042 - Miniature circuit breaker (MCB)

eClass: 7.0 27141901

UNSPSC: 39121614

