

## General Information

Extended Product Type:	SH203M-B40NA
Product ID:	2CDS273113R0405
EAN:	4016779702881
Catalog Description:	Miniature Circuit Breaker - SH200M - 4P - B
Long Description:	SH203M-B40 NA MiniCircuitBreaker

## Categories

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

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

## Dimensions

Product Net Width:	70 mm
Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.5 kg

## Technical

Standards:	IEC/EN 60898-1
Number of Poles:	4
Tripping Characteristic:	B
Rated Current ( $I_n$ ):	40 A
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC
Power Loss:	19.2 W at Rated Operating Conditions per Pole 4.8 W
Rated Insulation Voltage ( $U_i$ ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity ( $I_{cn}$ ):	(400 V AC) 10 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	2
Rated Impulse Withstand Voltage ( $U_{imp}$ ):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
Housing Material:	Insulation Group II, RAL 7035
Actuator Type:	Toggle
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	10000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Cage Terminal
Connecting Capacity:	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> ;
Tightening Torque:	2 N·m
Recommended Screw Driver:	Pozidriv 2
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
Mounting Position:	Any

## Environmental

**Ambient Air Temperature:** Operation -25 ... +55 °C  
Storage -40 ... +70 °C

**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 In

**Environmental Conditions:** 28 cycles  
with 55 °C / 90-96 %  
and 25 °C / 95-100 %

### Certificates and Declarations (Document Number)

**Declaration of Conformity - CE:** 2CDK400607D2703

### Container Information

**Package Level 1 Units:** 1 piece

**Package Level 1 Width:** 92 mm

**Package Level 1 Length:** 78 mm

**Package Level 1 Height:** 80 mm

**Package Level 1 Gross Weight:** 0.53 kg

**Package Level 1 EAN:** 4016779707527

**Package Level 2 EAN:** 4016779986816

### Classifications

**ETIM 5:** EC000042 - Miniature circuit breaker (MCB)

**ETIM 6:** EC000042 - Miniature circuit breaker (MCB)

**eClass:** 7.0 27141901

**UNSPSC:** 39121614

