

General Information

Extended Product Type:	SH203M-C8NA
Product ID:	2CDS273113R0084
EAN:	4016779703154
Catalog Description:	Miniature Circuit Breaker - SH200M - 4P - C
Long Description:	SH203M-C8 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:	C
Rated Current (I_n):	8 A
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC
Power Loss:	6 W at Rated Operating Conditions per Pole 1.5 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:	20000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Cage Terminal
Connecting Capacity:	Conductor 25 / 25 mm ² ; Flexible with Ferrule 0.75 ... 16 mm ² ; Flexible 0.75 ... 16 mm ² ; Rigid 0.75 ... 25 mm ² ; Stranded 0.75 ... 25 mm ² ;
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: 4016779707794

Package Level 2 EAN: 4016779987073

Classifications

ETIM 5: EC000042 - Miniature circuit breaker (MCB)

ETIM 6: EC000042 - Miniature circuit breaker (MCB)

eClass: 7.0 27141901

UNSPSC: 39121614

