SH203-C25

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

General Information

Extended Product Type:	SH203-C25
Product ID:	2CDS213001R0254
EAN:	4016779631372
Catalog Description:	Miniature Circuit Breaker - SH200 - 3P - C
Long Description:	Compact Home SH200 miniature circuit breakers are current limiting. They have two differe nt tripping mechanisms, the delayed thermal tripping mechanism for overload protection an d 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 capaciti es (up to 6 kA at 230/400 V AC) and rated currents (up to 40 A). All MCBs of the product r ange SH200 comply with IEC/EN 60898-1, allowing the use for residential applications.

Additional Information

Actuator Material:	Insulation Group II, Black, Sealable
Actuator Type:	Toggle
Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Built-In Depth (t_2):	69 mm
Connecting Capacity:	Conductor 25 / 25 mm² Flexible with Ferrule 0.75 ... 16 mm² Flexible 0.75 ... 16 mm² Rigid 0.75 ... 25 mm² Stranded 0.75 ... 25 mm²
Contact Position Indication:	ON / OFF
Country of Origin:	Germany (DE)
Customs Tariff Number:	85362010
Data Sheet, Technical Information:	2CSC400003B0202
Declaration of Conformity - CE:	2CDK400607D2703
Degree of Protection:	IP20
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
E-nummer:	2100490
EAN:	4016779631372
EPLAN Catalog Tree:	Electrical engineering / Protection devices / General
EPLAN Function Definition:	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
ETIM 4:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
Electrical Endurance:	20000 AC cycle
Energy Limiting Class:	3
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Environmental Information:	2CDK400030D0201
Housing Material:	Insulation Group II, RAL 7035
Industrial IT Certification Level:	0
Installation Size:	acc. to DIN 43880 1
Instructions and Manuals:	2CSC400003B0202
Invoice Description:	SH203-C 25 MiniCircuitBreaker C-Char.,6kA,25A,3P
Mechanical Endurance:	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:	3
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:	4016779631372
Package Level 1 Gross Weight:	0.4 kg
Package Level 1 Height:	80 mm
Package Level 1 Length:	58 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	92 mm
Package Level 2 EAN:	4016779990783
Pole Net Weight:	0.115 kg
Pollution Degree:	2
Power Loss:	9.6 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:	0.375 kg
Product Net Width:	52.5 mm
Product Range:	SH200
Rated Current (I_n):	25 A
Rated Frequency (f):	50 Hz 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC
Rated Short-Circuit Capacity (I_{cn}):	(400 V AC) 6 kA
Rated Voltage (U_r):	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 In
RoHS Date:	0335
RoHS Information:	2CDK400003K0201
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Screw Terminal Type:	Cage Terminal

Screw Terminal Type:	Cage Terminal
Selling Unit of Measure:	piece
Short Description:	SH203-C 25 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:	3
eClass:	7.0 27141901
Accessories Available:	No
Actuator Marking:	I / O