PRODUCT-DETAILS

SH203L-C2

SH203L-C2 Miniature Circuit Breaker - 3P - C - 2 A



General Information

Extended Product Type	SH203L-C2
Product ID	2CDS243001R0024
EAN	4016779701525
Catalog Description	SH203L-C2 Miniature Circuit Breaker - 3P - C - 2 A
Long Description	SH203L-C2 MiniCircuitBreaker C-Char.,4.5kA,2A,3P

Technical

Standards	IEC/EN 60898-1
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 400 V
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U_{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Input Voltage Type	AC
Rated Current (I_n)	2 A
Rated Short-Circuit Capacity	(AC) 4.5 kA (400 V AC) 4.5 kA

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Subject to change without notice

Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 5 kA (400 V) 5 kA
Rated Frequency (f)	50 / 60 Hz
Power Supply Connection	Arbitrary
Contact Position Indication	ON / OFF
Energy Limiting Class	3
Electrical Endurance	20000 AC cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Number of Poles	3
Overvoltage Category	III
Tightening Torque	2 N·m
Actuator Type	Toggle
Screw Terminal Type	Cage Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group II, RAL 7035
Mounting on DIN Rail	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Mounting Position	any
Recommended Screw Driver	Pozidriv 2
Accessories Available	No
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
Installation Size	acc. to DIN 43880 1
Terminal Type	Screw Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	25g 2 shocks 13 ms
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	2CDK400030D0201
REACH Declaration	9AKK107492A1906
Environmental Information	2CDK400030D0201
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.5 mm

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Product Net Height	85 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.375 kg
Pole Net Weight	0.125 kg
Built-In Depth (t_2)	69 mm

Ordering

Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.39 kg

Certificates and Declarations

Certification Agency	EN IEC
Declaration of Conformity - CE	2CDK400607D2703

Installation

Instructions and Manuals	2CDS207105P0001

Popular Downloads

Data Sheet, Technical Information	2CSC400030D0202

Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4897 >> Miniature circuit breakers

Categories

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

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