S203L-C20

Miniature Circuit Breaker - S200L - 3P - C - 20 ampere



General Information

Extended Product Type	S203L-C20
Product ID	2CDS243701R0204
EAN	4016779598583
Catalog Description	Miniature Circuit Breaker - S200L - 3P - C - 20 ampere
Long Description	S203L-C 20 MiniCircuitBreaker C-Char.,4,5kA,20A,3P

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Popular Downloads

Data Sheet, Technical Information	9AKK107046A0423

Dimensions

Product Net Width	52.5 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.375 kg

Technical

Standards	IEC/EN 60947-2 IEC/EN 60898-1
Number of Poles	3
Tripping Characteristic	C
Rated Current (I_n)	20 A
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 400 V AC
Power Loss	7.5 W at Rated Operating Conditions per Pole 2.5 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 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) 4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 6 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(400 V AC) 4.5 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 I, 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
	20000 cycle
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity	Busbar 10 / 10 mm² Flexible with Ferrule 0.75 ... 16 mm² Flexible 0.75 ... 16 mm² Rigid 0.75 ... 25 mm² Stranded 0.75 ... 25 mm²
Tightening Torque	2.8 N·m
Recommended Screw Driver	Pozidriv 2
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

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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 %

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Technical UL/CSA

Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG

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Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK403001D0605
Environmental Information	2CDK400030D0201
RoHS Information	2CDK400003K0203

Container Information

Package Level 1 Units	1 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	58 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	0.4 kg
Package Level 1 EAN	4016779599184
Package Level 2 Units	36 piece
Package Level 2 Width	275 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	12.16 kg
Package Level 2 EAN	4016779969451

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

Categories

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

