

2CDS271001R0204

S201MC20 SP MCB C20A 10kA



System pro M compact S200M miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200M comply with IEC/EN 60898-1 and IEC/EN 609 47-2, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200M to save 50% space.

General Information

Extended Product Type	• S201M-C20
Product ID	• 2CDS271001R0204
EAN	• 4016779550017
Catalog Description	• Miniature Circuit Breaker - S200M - 1P - C - 20 ampere
Long Description	• System pro M compact S200M miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 10 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200M comply with IEC/EN 60898-1 and IEC/EN 609 47-2, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200M to save 50% space.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Dimensions

Product Net Width	17.5 mm
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Product Net Height	88 mm
Product Net Weight	0.125 kg

Container Information

Package Level 1 Units	10 piece
Package Level 1 Width	92 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	1.295 kg
Package Level 1 EAN	4016779605175
Package Level 2 Units	120 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	11.92 kg
Package Level 2 EAN	4016779977975

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Environmental Information	2CDK400030D0201
Resistance to Shock acc to IEC 60068227	25g / 2 shocks / 13 ms
Resistance to Vibrations acc to IEC 6006826	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
RoHS Status	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Additional Information

Actuator Type	Insulation group II, black, sealable
Contact Position Indication	Red ON / Green OFF
Degree of Protection	IP20
Dielectric Test Voltage	50 / 60 Hz, 1 min: 2 kV
Housing Material	Insulation Group II, RAL 7035
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
Number of Poles	1
Pollution Degree	3
Power Loss	2.5 Wat Rated Operating Conditions per Pole 2.5 W
Rated Current In	20 A
Rated Frequency f	50 Hz 60 Hz
Rated Impulse Withstand Voltage Uimp	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)

Rated Insulation Voltage Ui	acc. to IEC/EN 60664-1 440 V
Rated Operational Voltage	acc. to IEC 60898-1 230 / 400 V ACacc. to IEC 60947-2 230 V AC
Rated Service ShortCircuit Breaking Capacity Ics	(133 V AC) 18.8 kA
Rated Ultimate ShortCircuit Breaking Capacity Icu	(133 V AC) 25 kA(230 V AC) 15 kA
Recommended Screw Driver	Pozidriv 2
Terminal Type	Screw Terminals
Tightening Torque	2.8 N·m

Technical UL/CSA

Maximum Operating Voltage ULCSA	60 V DC480Y/277 V AC
Tightening Torque ULCSA	18 in·lb
Connecting Capacity ULCSA	Busbar 14-8 AWGConductor 14-4 AWG

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 5	EC000042 - Miniature circuit breaker (MCB)
ETIM 4	EC000042 - Miniature circuit breaker (MCB)
eClass	7.0 27141901
Object Classification Code	F
UNSPSC	39121614

