

General Information

Extended Product Type:	S202UP-Z3
Product ID:	2CDS272317R0318
EAN:	4016779616843
Catalog Description:	Miniature Circuit Breaker - S200UP - 2P - Z - 3 A
Long Description:	System pro M compact S200UP 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 (K,Z), configurations (1P,2P,3P,4P), breaking capacities (up to 10 kA) and rated currents (up to 25 A). All MCBs of the product range S200UP comply with IEC/EN 609 47-2, UL489 and CSA 22.2 No. 5, allowing the use for commercial and industrial applications.

Categories

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

Ordering

EAN:	4016779616843
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Dimensions

Product Net Width:	35 mm
Product Net Depth:	71 mm
Product Net Height:	100 mm
Product Net Weight:	0.28 kg

Container Information

Package Level 1 Units:	5 piece
Package Level 1 Width:	105 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	1.46 kg
Package Level 1 EAN:	4016779618632

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	30g / 3 shocks / 11 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 %
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Standards:	IEC/EN 60947-2 UL 489 CSA 22.2 No. 5
Number of Poles:	2
Tripping Characteristic:	Z
Rated Current (I _n):	3 A
Rated Operational Voltage:	acc. to IEC60947-2 400 V AC
Power Loss:	3.8 W per Pole 1.9 W
Rated Insulation Voltage (U _i):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I _{cn}):	10.0 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	10 kA

Rated Service Short-Circuit Breaking Capacity (I_{cs}):	7.5 kA
Overvoltage Category:	III
Pollution Degree:	3
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:	Insulation group II, black, sealable
Contact Position Indication:	Red ON / Green 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:	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity:	Busbar 10 / 10 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:	2.8 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

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	480Y / 277 V AC
Connecting Capacity UL/CSA:	Busbar 18 ... 8 AWG Conductor 18 ... 4 AWG
Tightening Torque UL/CSA:	25 in·lb
Short-Circuit Current Rating (SCCR):	10 kA

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK403004D0401
RoHS Information:	2CDK400003K0201

Classifications

eClass:	7.0 27141901
ETIM 4.0:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code:	F
UNSPSC:	39121614

Accessories

5 Products		Filter		
Identifier	Type	Description	Qty	Unit Of Measure
2CDS200908R0001	S2C-A1U	S2C-A1U - Shunt Trip	1	piece
2CDS200908R0002	S2C-A2U	S2C-A2U - Shunt Trip	1	piece
2CDS200914R0001	S2C-H6RU	S2C-H6RU - Auxiliary Contact	1	piece
2CDS200917R0001	S2C-TC20U	S2C-TC20U - Mechanical Accessories	1	piece
2CDS200924R0001	S2C-S6RU	S2C-S6RU - Signal / Auxiliary Contact	1	piece

