

General Information

Extended Product Type:	SU201PR-K20
Product ID:	2CDS271327R0487
EAN:	4016779848022
Catalog Description:	Miniature Circuit Breakers MCBs - SU200PR - Number of Poles 1 - Tripping characteristic K
Long Description:	SU201PR-K20 MCB K-Char., 10kA, 20A, 1P, RTT UL 489, Ring Cable Lug

Categories

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

Accessories

Ordering

EAN:	4016779848022
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Dimensions

Product Net Width:	17.5 mm
Product Net Depth:	71.0 mm
Product Net Height:	115.0 mm
Product Net Weight:	0.140 kg

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	121.0 mm
Package Level 1 Length:	191.0 mm
Package Level 1 Height:	82.0 mm
Package Level 1 Gross Weight:	1.450 kg
Package Level 1 EAN:	4016779850025

Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C 20 °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%

Technical

Standards:	IEC/EN 60947-2 UL 489 CSA 22.2 No. 5
Number of Poles:	1
Tripping Characteristic:	K
Rated Current (I _n):	20.00 A
Rated Operational Voltage:	230 V AC
Power Loss:	3.4 W Per Pole 3.4 W
Rated Insulation Voltage (U _i):	Phase to Phase 500 V
Operational Voltage:	Maximum 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu}):	15 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs}):	11.2 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 II, RAL 7035
Actuator Type:	Insulation group II, black, sealable
Actuator Marking:	I / O
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	20000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Ring-Tongue Terminals
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	277 V AC
UL/CSA:	
Connecting Capacity UL/CSA:	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:	2CDK400587D2701 ;
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Classifications

ETIM 4.0:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:	EC000042 - Miniature circuit breaker (MCB)
Object Classification Code:	F

