

SU201PR-K20



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

General Information

Extended Product Type:	SU201PR-K20
Product ID:	2CDS271327R0487
EAN:	4016779848022
Catalog Description:	Miniature Circuit Breaker - SU200PR - 1P - K - 20 ampere
Long Description:	SU201PR-K20 MCB K-Char., 10kA, 20A, 1P, RTT UL 489, Ring Cable Lug

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Popular Downloads

Data Sheet, Technical Information:	2CDC002139D0201
Instructions and Manuals:	2CDC002139D0201

Dimensions

Product Net Width:	17.5 mm
Product Net Depth / Length:	69 mm
Product Net Height:	115 mm
Product Net Weight:	0.14 kg

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 A
Rated Operational Voltage:	acc. to IEC 60947-2 230 V AC
Power Loss:	3.4 W at Rated Operating Conditions per Pole 3.4 W
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(230 V AC) 15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(230 V AC) 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 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 (N_{endu}):	20000 cycle
Terminal Type:	Ring-Tongue Terminals
Screw Terminal Type:	Ring-Tongue Terminal with Captive Screw
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

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 %

Technical UL/CSA

Maximum Operating Voltage UL/CSA:	277 V AC
Connecting Capacity UL/CSA:	Conductor 18-4 AWG

Tightening Torque UL/CSA:	25 in·lb
Interrupting Rating acc. to UL1077:	(277 V AC) 10 kA
Short-Circuit Current Rating (SCCR):	10 kA

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK400588D2702
Environmental Information:	2CDK400030D201
Instructions and Manuals:	2CDC002139D0201

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	121 mm
Package Level 1 Depth / Length:	191 mm
Package Level 1 Height:	82 mm
Package Level 1 Gross Weight:	1.45 kg
Package Level 1 EAN:	4016779850025
Package Level 2 EAN:	4016779983532

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

Accessories

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

