

PRODUCT-DETAILS

SU203PR-K1

SU203PR-K1 Miniature Circuit Breaker - 3P - K - 1 A



General Information

Extended Product Type	SU203PR-K1
Product ID	2CDS273327R0217
EAN	4016779848404
Catalog Description	SU203PR-K1 Miniature Circuit Breaker - 3P - K - 1 A
Long Description	SU203PR-K1 MCB K-Char., 10kA, 1A, 3P, RTT UL 489, Ring Cable Lug

Technical

Standards	CSA 22.2 No. 5 IEC/EN 60947-2 UL 489
Tripping Characteristic	K
Rated Operational Voltage	acc. to IEC 60947-2 400 V AC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Rated Current (I _n)	1 A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(400 V AC) 15 kA
Rated Service Short-Circuit Breaking	(400 V AC) 11.2 kA

Capacity (I _{cs})	
Rated Frequency (f)	50 / 60 Hz
Power Loss	3.81 W at Rated Operating Conditions per Pole 1.27 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Electrical Endurance	20000 AC cycle 20000 cycle
Number of Poles	3
Number of Protected Poles	3
Overvoltage Category	III
Tightening Torque	2.8 N·m
Screw Terminal Type	Ring-Tongue Terminal with Captive Screw
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
Options Provided	Ring tongue
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
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Installation Size	acc. to DIN 43880 3
Terminal Type	Ring-Tongue Terminals

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	20 °C
Degree of Protection	IP20 Enclosure with Cover IP40
Pollution Degree	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	2CDK400030D201

Technical UL/CSA

Maximum Operating Voltage UL/CSA	480Y / 277 V AC
Interrupting Rating acc. to UL489	(480Y / 277 V AC) 10 kA
Connecting Capacity UL/CSA	Conductor 18-4 AWG
Tightening Torque UL/CSA	25 in·lb

Dimensions

Width in Number of Modular Spacings	3
Product Net Width	52.5 mm
Product Net Height	115 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.42 kg
Pole Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Container Information

Package Level 1 Units	3 piece
Package Level 1 Width	121 mm
Package Level 1 Height	82 mm
Package Level 1 Depth / Length	191 mm
Package Level 1 Gross Weight	1.32 kg
Package Level 1 EAN	4016779850407
Package Level 2 Units	27 piece
Package Level 2 EAN	4016779983914

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010
Country of Origin	Germany (DE)

Certificates and Declarations (Document Number)

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

Popular Downloads

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

Classifications

ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901

Object Classification Code

F

Accessories

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

Categories

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

