

General Information

Extended Product Type:	S203PR-K10
Product ID:	2CDS273427R0427
EAN:	4016779847483
Catalog Description:	Miniature Circuit Breaker - S200PR - 3P - K - 10 A
Long Description:	S203PR-K10 MCB K-Char., 10kA, 10A, 3P, RTT UL 1077, Ring Cable Lug

Categories

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

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
EAN:	4016779847483

Dimensions

Product Net Depth:	71 mm
Product Net Height:	100 mm
Product Net Weight:	0.42 kg
Product Net Width:	52.5 mm

Container Information

Package Level 1 Width:	121 mm
Package Level 1 Length:	191 mm
Package Level 1 Height:	82 mm
Package Level 1 Gross Weight:	1.32 kg
Package Level 1 EAN:	4016779849487
Package Level 2 EAN:	4016779982993
Package Level 1 Units:	3 piece

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

Number of Poles:	3
Tripping Characteristic:	K
Rated Current (I_n):	10 A
Rated Operational Voltage:	acc. to IEC 60947-2 400 V AC
Power Loss:	5.46 W at Rated Operating Conditions per Pole 1.82 W
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Operational Voltage:	Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	15 kA 15 kA (DC) kA
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	11.2 kA 15 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:	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
Standards:	IEC/EN 60947-2 UL 1077 CSA 22.2 No. 235

Technical UL/CSA

Connecting Capacity UL/CSA:	Conductor 14-4 AWG
Tightening Torque UL/CSA:	25 in·lb
Interrupting Rating acc. to UL1077:	10 kA
Maximum Operating Voltage UL/CSA:	480Y / 277 V AC

Certificates and Declarations (Document Number)

Instructions and Manuals:	2CDC002138D0201
Data Sheet, Technical Information:	2CDC002138D0201
Declaration of Conformity - CE:	2CDK400586D2702

Classifications

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

