

S202L-C16



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

General Information

Extended Product Type:	S202L-C16
Product ID:	2CDS242701R0164
EAN:	4016779598484
Catalog Description:	Miniature Circuit Breaker - S200L - 2P - C
Long Description:	S202L-C 16 MiniCircuitBreaker C-Char.,4,5kA,16A,2P

Additional Information

Actuator Material:	Insulation Group II, Black, Sealable
Actuator Type:	Toggle
Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +70 °C
Built-In Depth (t₂):	69 mm
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
Connecting Capacity UL/CSA:	Busbar 18-8 AWG Conductor 18-4 AWG
Contact Position Indication:	ON / OFF
Country of Origin:	Germany (DE)
Customs Tariff Number:	85362010
Declaration of Conformity - CE:	2CDK403001D0604
Degree of Protection:	IP20
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
EAN:	4016779598484
EPLAN Catalog Tree:	Electrical engineering / Protection devices / General
ETIM 4:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
Electrical Endurance:	20000 AC cycle
Energy Limiting Class:	3
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Environmental Information:	2CDK400030D0201
Housing Material:	Insulation Group I, RAL 7035
Installation Size:	acc. to DIN 43880 1
Invoice Description:	S202L-C 16 MiniCircuitBreaker C-Char.,4,5kA,16A,2P
Mechanical Endurance:	20000 cycle
Minimum Order Quantity:	1 piece
Mounting Position:	Any
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
Number of Poles:	2
Number of Protected Poles:	2
Object Classification Code:	F

Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC
Overvoltage Category:	III
Package Level 1 EAN:	4016779599085
Package Level 1 Gross Weight:	1.3 kg
Package Level 1 Height:	80 mm
Package Level 1 Length:	183 mm
Package Level 1 Units:	5 piece
Package Level 1 Width:	92 mm
Package Level 2 EAN:	4016779969000
Package Level 2 Gross Weight:	12.16 kg
Package Level 2 Height:	210 mm
Package Level 2 Length:	395 mm
Package Level 2 Units:	60 piece
Package Level 2 Width:	275 mm
Pollution Degree:	2
Power Loss:	5 W at Rated Operating Conditions per Pole 2.5 W
Power Supply Connection:	Arbitrary
Product Main Type:	S200L
Product Name:	Miniature Circuit Breaker
Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.25 kg
Product Net Width:	35 mm
Rated Current (I_n):	16 A
Rated Frequency (f):	50 Hz 60 Hz
Rated Impulse Withstand Voltage (U_{imp}):	4 kV (6.2 kV @ sea level) (5.0 kV @ 2000 m)
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 400 V AC
Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(400 V AC) 4.5 kA
Rated Short-Circuit Capacity (I_{cn}):	(400 V AC) 4.5 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(400 V AC) 6 kA
Recommended Screw Driver:	Pozidriv 2
Reference Ambient Air Temperature:	30 °C
Remarks:	IP40 in enclosure with cover
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 I _n
RoHS Date:	0335
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Selling Unit of Measure:	piece

Short Description:	S202L-C 16 MiniCircuitBreaker
Standards:	IEC/EN 60947-2 IEC/EN 60898-1
Terminal Type:	Screw Terminals
Tightening Torque:	2.8 N·m
Tripping Characteristic:	C
UNSPSC:	39121614
Width in Number of Modular Spacings:	2
eClass:	7.0 27141901
Accessories Available:	Yes

