

S203-C100



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

General Information

Extended Product Type:	S203-C100
Product ID:	2CDS253001R0824
EAN:	4016779916288
Catalog Description:	Miniature Circuit Breaker - S200 80-100A - 3P - C
Long Description:	S203-C100 MCB C-Char., 6kA, 100A, 3P

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 16 / 16 mm ²
Contact Position Indication:	ON / OFF
Country of Origin:	Germany (DE)
Customs Tariff Number:	85362090
Declaration of Conformity - CE:	2CDK400601D2702
Degree of Protection:	IP20
Dielectric Test Voltage:	50 / 60 Hz, 1 min: 2 kV
EAN:	4016779916288
EPLAN Catalog Tree:	Electrical engineering / Protection devices / General
EPLAN Function Definition:	Circuit breaker / Triple circuit breaker / Triple circuit breaker 1_2_3_4_5_6
EPLAN Macro:	9AKK106713A8194
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
ETIM 6:	EC000042 - Miniature circuit breaker (MCB)
Electrical Endurance:	10000 AC cycle
Environmental Conditions:	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Housing Material:	Insulation Group I, RAL 7035
Installation Size:	acc. to DIN 43880 1
Invoice Description:	S203-C100 MCB C-Char., 6kA, 100A, 3P
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:	3
Number of Protected Poles:	3
Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Maximum 440 V AC Minimum 12 V AC
Overvoltage Category:	III
Package Level 1 EAN:	4016779917728
Package Level 1 Gross Weight:	16 kg
Package Level 1 Height:	80 mm

Package Level 1 Length:	58 mm
Package Level 1 Units:	1 piece
Package Level 1 Width:	92 mm
Package Level 2 EAN:	4016779919166
Package Level 2 Gross Weight:	13.36 kg
Package Level 2 Height:	210 mm
Package Level 2 Length:	395 mm
Package Level 2 Units:	36 piece
Package Level 2 Width:	275 mm
Pollution Degree:	3
Power Loss:	at Rated Operating Conditions per Pole 9.8 W
Power Supply Connection:	Arbitrary
Product Main Type:	S200 80-100A
Product Name:	Miniature Circuit Breaker
Product Net Depth:	69 mm
Product Net Height:	88 mm
Product Net Weight:	0.42 kg
Product Net Width:	52.5 mm
Rated Current (I_n):	100 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) 6 kA
Rated Short-Circuit Capacity (I_{cn}):	(400 V AC) 6 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
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Selling Unit of Measure:	piece
Standards:	IEC/EN 60898-1 IEC/EN 60947-2
Terminal Type:	Screw Terminals
Tightening Torque:	3 N·m
Tripping Characteristic:	C
UNSPSC:	39121614
Width in Number of Modular Spacings:	3
eClass:	7.0 27141901
Accessories Available:	Yes

