



Automatización Eléctrica

Especialistas en Automatización

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General Information

Extended Product Type:	S201-C100
Product ID:	2CDS251001R0824
EAN:	4016779916523
Catalog Description:	Miniature Circuit Breaker - S200 80-100A - 1P - C - 100 A
Long Description:	S201-C100 MCB C-Char., 6kA, 100A, 1P

Categories

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

Ordering

EAN:	4016779916523
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362090

Dimensions

Product Net Width:	17.5 mm
Product Net Depth:	69 mm
Product Net Height:	88.8 mm
Product Net Weight:	0.14 kg

Container Information

Package Level 1 Units:	10 piece
Package Level 1 Width:	92 mm
Package Level 1 Length:	183 mm
Package Level 1 Height:	80 mm
Package Level 1 Gross Weight:	16 kg
Package Level 1 EAN:	4016779917964
Package Level 2 Units:	120 piece
Package Level 2 Width:	275 mm
Package Level 2 Length:	395 mm
Package Level 2 Height:	210 mm
Package Level 2 Gross Weight:	14.8 kg
Package Level 2 EAN:	4016779919401

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

Standards:	IEC/EN 60898-1 IEC/EN 60947-2
Number of Poles:	1
Tripping Characteristic:	C
Rated Current (I_n):	100 A
Rated Operational Voltage:	acc. to IEC 60898-1 230 / 400 V AC acc. to IEC 60898-1 60 V DC
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 500 V
Operational Voltage:	Maximum (Incl. Tolerance) 253 / 440 V AC Minimum 12 V AC / 12 V DC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I_{cn}):	6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	6 kA
Rated Service Short-Circuit	6 kA

Breaking Capacity (I_{CS}):

Overvoltage Category:	III
Pollution Degree:	3
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:	Toggle
Contact Position Indication:	ON / OFF
Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	10000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity:	Busbar 16 / 16 mm ²
Tightening Torque:	3 N·m
Recommended Screw Driver:	Pozidriv 2
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

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK403001D0602
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Classifications

eClass:	7.0 27141901
ETIM 5:	EC000042 - Miniature circuit breaker (MCB)
UNSPSC:	39121614





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- Online documentation and datasheets of all products.
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- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

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Product	Code	Reference	Product link
Miniature Circuit Breaker - S200 80-100A - 1P - C - 100 A	2CDS251001R0824	S201-C100	Buy on EAN