

PRODUCT-DETAILS

S204-B1

Miniature Circuit Breakers MCBs - S200 - 4P - B - 1 ampere



General Information

Extended Product Type	S204-B1
Product ID	2CDS254001R0015
EAN	4016779926621
Catalog Description	Miniature Circuit Breakers MCBs - S200 - 4P - B - 1 ampere
Long Description	System pro M compact S200 miniature circuit breakers are current limiting. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.

Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Number of Poles	4
Number of Protected Poles	4
Tripping Characteristic	B
Rated Current (I _n)	1 A
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Power Loss	at Rated Operating Conditions per Pole 1.4 W

Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Rated Frequency (f)	50 Hz 60 Hz
Rated Short-Circuit Capacity (I _{cn})	(400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(230 V AC) 20 kA (440 V AC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(230 V AC) 15 kA
Energy Limiting Class	3
Overvoltage Category	III
Pollution Degree	3
Rated Impulse Withstand Voltage (U _{imp})	(5.0 kV @ 2000 m) (6.2 kV @ sea level) 4 kV
Degree of Protection	IP20
Connecting Capacity	Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Tightening Torque	2.8 N·m
Built-In Depth (t ₂)	69 mm

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
RoHS Status	Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	110 V DC 480Y/277 V AC
Interrupting Rating acc. to UL1077	(110 V DC) 10 kA (277 V AC) 6 kA (480Y / 277 V AC) 6 kA

Dimensions

Product Net Width	70 mm
Product Net Depth / Length	69 mm
Product Net Height	85 mm
Product Net Weight	0.46 kg

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	78 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	0.48 kg
Package Level 1 EAN	4016779926638
Package Level 2 Units	carton 24 piece
Package Level 2 Width	275 mm

Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	11.92 kg
Package Level 2 EAN	4016779926645

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK403001D0607
Environmental Information	2CDK400030D0201
Instructions and Manuals	2CDS207104P0001
RoHS Information	2CDK400003K0203

Popular Downloads

Data Sheet, Technical Information	9AKK107046A0423
Instructions and Manuals	2CDS207104P0001

Classifications

Object Classification Code	F
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
eClass	V11.0 : 27141901
UNSPSC	39121614

Categories

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

