

PRODUCT-DETAILS

S201-B16 W/O ACC.

Miniature Circuit Breaker - S200 - 1P - B - 16 ampere



Información General

Extended Product Type	S201-B16 W/O ACC.
Product ID	2CDS251001R0165
EAN	4016779463904
Catalog Description	Miniature Circuit Breaker - S200 - 1P - B - 16 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 (for this code purchased in South America there is no UL certificate), 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	1
Number of Protected Poles	1
Tripping Characteristic	B
Rated Current (I _n)	16 A
Rated Operational Voltage	acc. to IEC 60898-1 230 / 400 V AC acc. to IEC 60947-2 230 V AC
Power Loss	2.5 W

	at Rated Operating Conditions per Pole 2.5 W
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
Operational Voltage	Maximum (Incl. Tolerance) 253 V AC Maximum (Incl. Tolerance) 72 V DC Maximum 72 V DC Maximum 253 V AC Minimum 12 V AC Minimum 12 V DC
Rated Frequency (f)	50 Hz 60 Hz
Rated Short-Circuit Capacity (I _{cn})	(230 / 400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	(133 V AC) 20 kA (230 V AC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	(133 V AC) 15 kA
Energy Limiting Class	3
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 II, RAL 7035
Actuator Type	Insulation group II, black, sealable
Actuator Material	Insulation Group II, Black, Sealable
Actuator Marking	I / O
Contact Position Indication	Red ON / Green OFF
Degree of Protection	IP20
Remarks	IP40 in enclosure with cover
Electrical Endurance	20000 AC cycle 20000 cycle
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity	Busbar 10 / 10 mm ² 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
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
Built-In Depth (t ₂)	69 mm
Installation Size	acc. to DIN 43880 1
Power Supply Connection	Arbitrary

Ambiente

Ambient Air Temperature	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
Resistance to Vibrations	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In

acc. to IEC 60068-2-6

Environmental
Conditions28 cycles
with 55 °C / 90-96 %
and 25 °C / 95-100 %

RoHS Status

Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA	60 V DC 480Y/277 V AC
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	25 in-lb
Interrupting Rating acc. to UL1077	(133 V AC) 6 kA (277 V AC) 6 kA (480Y / 277 V AC) 6 kA (60 V DC) 10 kA

Dimensiones

Product Net Width	17.5 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.125 kg

Información de Embalaje

Package Level 1 Units	carton 10 piece
Package Level 1 Width	92 mm
Package Level 1 Depth / Length	183 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	1.295 kg
Package Level 1 EAN	4016779629522
Package Level 2 Units	120 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	14.8 kg
Package Level 2 EAN	4016779970730

Clasificación

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificados y Declaraciones (Número de Documento)

Declaration of Conformity - CE	2CDK403001D0607
Environmental Information	2CDK400030D0201
Instructions and Manuals	2CDC001003C0108

RoHS Information

2CDK400003K0203

Descargas Populares

Data Sheet, Technical Information	9AKK107046A0423
Instructions and Manuals	2CDC001003C0108

Clasificaciones

Object Classification Code	F
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
eClass	7.0 27141901
UNSPSC	39121614

Categorias

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores automáticos modulares

