S203-K3

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General Information		
Extended Product Type:	S203-K3	فيد المعر المعر
Product ID:	2CDS253001R0317	0 0 0
EAN:	4016779507509	
Catalog Description:	Miniature Circuit Breaker - S200 - Number of Poles 3 - Tripping characteristic K	
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 and CSA 22.2 No. 235, allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.	•••

#### Categories

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

#### Accessories Show accessory images

EAN:	4016779507509
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010
Dimensions	
Product Net Width:	52.5 mm
Product Net Depth:	69.0 mm
Product Net Height:	88.0 mm
Product Net Weight:	0.375 kg
Container Information	
Package Level 1 Units:	1 piece
Package Level 1 Width:	92.0 mm
Package Level 1 Length:	58.0 mm
Package Level 1 Height:	80.0 mm
	0.400 kg
Package Level 1 Gross Weight:	

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 %
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

# Technical

Teennoal	
Standards:	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Number of Poles:	3
Tripping Characteristic:	ĸ
Rated Current (I <sub>n</sub> ):	3.00 A
Rated Operational Voltage:	acc. to IEC60947-2 440 V AC
Power Loss:	3.6 W
Fower Loss.	Per Pole 1.2 W
Rated Insulation Voltage (U <sub>i</sub> ):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (incl. tolerance) 125 V DC
oporational voltago.	Maximum (incl. tolerance) 440 V AC Minimum 12 V AC / 12 V DC
Rated Frequency (f):	50 Hz
	60 Hz
Rated Short-Circuit Capacity ( I <sub>cn</sub>	6.0 kA
):	
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	j 10 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> ):	7.5 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	3
Rated Impulse Withstand Voltage	4 kV
(U <sub>imp</sub> ):	(6.2 kV @ sea level) kV
Distant in Tax (Mallana)	(5.0 kV @ 2000 m) kV
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 Marking:	I/O
Contact Position Indication: Degree of Protection:	Red ON / Green OFF IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	
Mechanical Endurance:	20000 AC cycle 20000 cycle
	Screw Terminals
Terminal Type: Screw Terminal Type:	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity:	Busbar 10 / 10 mm <sup>2</sup>
connecting capacity.	Flexible with Ferrule 0.75 25 mm <sup>2</sup>
	Flexible 0.75 25 mm <sup>2</sup>
	Rigid 0.75 35 mm <sup>2</sup>
	Stranded 0.75 35 mm <sup>2</sup>

Tightening Torque:	2.8 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

#### Technical UL/CSA

Maximum Operating Voltage UL/CSA: 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:	6 kA	

## **Certificates and Declarations (Document Number)**

Declaration of Conformity - CE:	2CDK403001D0602
RoHS Information:	2CDK400003K0201

### Classifications

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eClass:	7.0 27141901
E-nummer:	2100726
ETIM 4.0:	EC000042 - Miniature circuit breaker (MCB)
ETIM 5.0:	EC000042 - Miniature circuit breaker (MCB)
<b>Object Classification Code:</b>	F

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