

PRODUCT-DETAILS

M203-10A

Miniature Circuit Breaker - M200 - 3P - 10 ampere



General Information

Extended Product Type	M203-10A
Product ID	2CDA283799R0101
EAN	4016779614955
Catalog Description	Miniature Circuit Breaker - M200 - 3P - 10 ampere
Long Description	M203- 10A Miniature Circuit Breaker OM 10A,3P

Technical

Standards	IEC/EN 60947-2
Number of Poles	3
Number of Protected Poles	3
Rated Current (I_n)	10 A
Rated Operational Voltage	acc. to IEC 60947-2 400 V AC
Power Loss	4.8 W at Rated Operating Conditions per Pole 1.6 W
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 440 V
Rated Frequency (f)	50 Hz 60 Hz
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(400 V AC) 25 kA
Rated Service Short-Circuit Breaking	(400 V AC) 12.5 kA

Capacity (I _{cs})	
Overvoltage Category	III
Pollution Degree	3
Rated Impulse Withstand Voltage (U _{imp})	(5.0 kV @ 2000 m) (6.2 kV @ sea level) 4 kV
Housing Material	Insulation Group I, RAL 7035
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 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 ... 16 mm ² Flexible 0.75 ... 16 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 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

Environmental

Ambient Air Temperature	Operation -25 ... +55 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27	30g / 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 2011/65/EU

Dimensions

Product Net Width	52.5 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.42 kg

Container Information

Package Level 1 Units	carton 1 piece
Package Level 1 Width	58 mm
Package Level 1 Depth / Length	92 mm
Package Level 1 Height	80 mm

Package Level 1 Gross Weight	0.45 kg
Package Level 1 EAN	4016779614962

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK403009D2703
Environmental Information	9AKK107680A6947
Instructions and Manuals	9AKK107046A9501
RoHS Information	2CDK403009D2703

Popular Downloads

Data Sheet, Technical Information	4TRC000000D1901
Instructions and Manuals	9AKK107046A9501

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

