

M202-50A



Miniature Circuit Breaker - M200 - 2P - 50 ampere

General Information

Extended Product Type	M202-50A
Product ID	2CDA282799R0501
EAN	4016779614832
Catalog Description	Miniature Circuit Breaker - M200 - 2P - 50 ampere
Long Description	M202- 50A Miniature Circuit Breaker OM 50A,2P

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85362010

Dimensions

Product Net Width	35 mm
Product Net Depth / Length	69 mm
Product Net Height	88 mm
Product Net Weight	0.28 kg

Technical

Standards	IEC/EN 60947-2
Number of Poles	2
Rated Current (I_n)	50 A
Rated Operational Voltage	acc. to IEC 60947-2 400 V AC
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) 15 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(400 V AC) 10 kA
Overvoltage Category	III
Pollution Degree	3
Housing Material	Insulation Group I, RAL 7035
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

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 %

Certificates and Declarations (Document Number)

Declaration of Conformity - CE	2CDK403009D0402
Environmental Information	2CDK400030D0201

Container Information

Package Level 1 Units	5 piece
Package Level 1 Width	183 mm
Package Level 1 Depth / Length	92 mm
Package Level 1 Height	80 mm
Package Level 1 Gross Weight	1.45 kg
Package Level 1 EAN	4016779614849

Classifications

Object Classification Code	F
ETIM 4	EC000042 - Miniature circuit breaker (MCB)
ETIM 5	EC000042 - Miniature circuit breaker (MCB)
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
eClass	7.0 27141901
UNSPSC	39121614

Categories

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

