

General Information

Extended Product Type:	SH204-C50
Product ID:	2CDS214001R0504
EAN:	4016779702096
Catalog Description:	Miniature Circuit Breaker - SH200 - 4P - C - 50 A
Long Description:	SH204-C50 MiniCircuitBreaker

Categories

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

Ordering

EAN:	4016779702096
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362010

Dimensions

Product Net Width:	70 mm
Product Net Depth:	69 mm
Product Net Height:	85 mm
Product Net Weight:	0.5 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	80 mm
Package Level 1 Length:	78 mm
Package Level 1 Height:	92 mm
Package Level 1 Gross Weight:	0.51 kg
Package Level 2 EAN:	4016779991445

Environmental

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

Standards:	IEC/EN 60898-1
Number of Poles:	4
Tripping Characteristic:	C
Rated Current (I_n):	50 A
Rated Operational Voltage:	acc. to IEC 60898-1 400 V AC
Power Loss:	13 W at Rated Operating Conditions per Pole 3.25 W
Rated Insulation Voltage (U_i):	acc. to IEC/EN 60664-1 440 V
Operational Voltage:	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC
Rated Frequency (f):	50 Hz 60 Hz
Rated Short-Circuit Capacity (I_{cn}):	6 kA
Energy Limiting Class:	3
Overvoltage Category:	III
Pollution Degree:	2
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

Degree of Protection:	IP20
Remarks:	IP40 in enclosure with cover
Electrical Endurance:	10000 AC cycle
Mechanical Endurance:	20000 cycle
Terminal Type:	Screw Terminals
Screw Terminal Type:	Cage Terminal
Connecting Capacity:	Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 25 mm ² Stranded 0.75 ... 25 mm ²
Tightening Torque:	2 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

Certificates and Declarations (Document Number)

Declaration of Conformity - CE:	2CDK403003D0401
RoHS Information:	2CDK400003K0201

Classifications

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

