

PRODUCT-DETAILS

# ST202M-D50

## ST202M-D50 Miniature Circuit Breaker - 2P - D - 50 A



### General Information

Extended Product Type	ST202M-D50
Product ID	2CDS272334R0501
EAN	4016779022620
Catalog Description	ST202M-D50 Miniature Circuit Breaker - 2P - D - 50 A
Long Description	ST202M-D50 Miniature Circuit Breaker ST202M-D50 Miniature Circuit Breaker D-Char., 5kA, 50A, 2P

### Technical

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Tripping Characteristic	D
Rated Operational Voltage	acc. to IEC 60947-2 400 V
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	50 A
Rated Ultimate Short-Circuit Breaking	(125 V DC) 15 kA (400 V AC) 15 kA

Capacity ( $I_{cu}$ )	
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 15 kA (400 V) 15 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(400 V AC) 7.5 kA
Rated Frequency (f)	50 ... 60 Hz
Energy Limiting Class	3
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Accessories Available	Yes
Connecting Capacity	Flexible 25 ... 25 mm <sup>2</sup> Rigid 35 ... 35 mm <sup>2</sup>
Terminal Type	Double Clamp

## Environmental

Ambient Air Temperature	Operation -25 ... +55 °C
Degree of Protection	IP20
Pollution Degree	3
RoHS Status	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
RoHS Information	2CDK400679D2704
REACH Declaration	9AKK107492A1906
SCIP	171856b6-03a8-4c04-9bae-ec01c5a7d7da Germany (DE)
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

## Technical UL/CSA

Interrupting Rating acc. to UL1077	(125 V DC) 10 kA (480Y / 277 V AC) 5 kA
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## Dimensions

Width in Number of Modular Spacings	2
Product Net Width	35 mm
Product Net Height	88 mm
Product Net Depth / Length	69 mm
Product Net Weight	0.23 kg
Built-In Depth ( $t_2$ )	69 mm

## Ordering

Minimum Order Quantity	1 piece
Package Level 1 Units	carton 1 piece
Package Level 1 Gross Weight	0.26 kg

## Certificates and Declarations

Certification Agency

CSA  
EN  
IEC  
UL

Declaration of  
Conformity - CE

2CDK400679D2704

## Installation

Instructions and  
Manuals

9AKK107046A3150

## Popular Downloads

Data Sheet, Technical  
Information

9AKK107046A3150

## Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 20 10
UNSPSC	39121603
eClass	V11.0 : 27141901
IDEA Granular Category Code (IGCC)	4899 >> Miniature circuit breaker (MCB) screw-in model

## Categories

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

