PRODUCT-DETAILS

S802C-D10

S802C-D10 High Performance MCB



Informações gerais

Tipo de produto alargado	S802C-D10
ID do produto	2CCS882001R0101
EAN	7612271212179
Descrição do catálogo	S802C-D10 High Performance MCB
Descrição longa	The S802C-D10 is a 2-pole High Performance Circuit breaker with D-Dharacteristic, with cage terminal and a rated current of 10 A. It is a current limiting device with a maximum breaking capacity of 25kA at 240/415V. It can be used for voltages up to 254/440V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802C-D10 complies with IEC/EN 60898-1 and IEC/EN 60947-2 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802C-D10 more comfortable. Due to the fast arc extinction of S802C-D10 your application will be secured.

Technical

Normas	IEC/EN 60947-2 IEC/EN 60898-1 UL 1077

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Tripping Characteristic	D
Tensão operacional nominal	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 415 V AC
Operational Voltage	Maximum 230/400 V AC Minimum 12 V AC
Rated Insulation Voltage (U_i)	acc. to IEC/EN 60664-1 500 V
Rated Impulse Withstand Voltage (U_{imp})	8 kV
Tipo de tensão de entrada	AC/DC
Corrente nominal (I_n)	10 A
Rated Short-Circuit Capacity	(400 V AC) 15 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(415 V AC) 25 kA (440 V AC) 15 kA (250 V DC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(415 V AC) 25 kA (440 V AC) 10 kA (250 V DC) 10 kA
Frequência (f)	50 / 60 Hz
Frequência nominal (f)	50/60 Hz
Power Loss	3 W at Rated Operating Conditions per Pole 1.5 W
Contact Position Indication	ON / OFF / TRIP
Energy Limiting Class	3
Electrical Endurance	10000 cycle
Mechanical Endurance	10000 cycle
Number of Protected Poles	2
Número de polos	2
Overvoltage Category	IV
Binário de aperto	3.5 N·m 31 in·lb
Tipo de lançamento	D
Actuator Marking	I / O
Material da caixa	Insulation group I, RAL 7035
Montagem na calha DIN	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
Posição de montagem	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Observações	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
Connecting Capacity	Flexible 0 … 50 mm² Rigid 0 … 70 mm²
Tipo de terminal	Screw Terminals

Material Compliance

Informação RoHS	9AKK107680A3903 2CCC005083D0202
Estado RoHS	Following EU Directive 2011/65/EU
Data RoHS	20170426
REACH Declaration	9AKK108469A6125

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REACH Information	No data - If REACH inform is not yet available for a certain product
REACH Date	20190320
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363

Environmental

Temperatura do ar ambiente	Operation -25 ... +60 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	acc. to IEC60947-2 30 °C acc. to EN60898-1 30 °C
Grau de proteção	IP20
Pollution Degree	3
Resistance to Vibrations	1 mm 2 - 13.2 Hz 0.7g with Load 100% x Ie 13.2 - 100 Hz
Resistência ao Choque de acordo com IEC 60068-2-27	5 g 30 ms
Informação ambiental	2CCY413207D0203

Technical UL/CSA

Interrupting Rating acc. to UL1077	(480Y / 277 V AC) 10 kA (250 V DC) 10 kA

Dimensions

Width in Number of Modular Spacings	3
Largura Líquida do Produto	54 mm
Altura Líquida do Produto	95 mm
Profundidade/Comprimento Líquidos do Produto	82.5 mm
Peso Líquido do Produto	490 g
Built-In Depth (t_2)	82.5 mm
Diagrama de medidas	2CCC413003C0201

Ordering

Unidades de embalagem Nível 1	box 1 piece
Peso bruto da embalagem Nível 1	510 g

Certificates and Declarations

CB Certificate	9AKK107680A0835 2CCC413029D0202
CCC Certificate	CQC2014010307713173
Declaração de conformidade -CE	2CCC005083D0202

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ESTI Certificate	2CCC413028D0101
Certificado UL	9AKK107680A2286
VDE Certificate	2CCC413039D0601

Installation

Instruções e Manuais	2CCC413016M0008

Popular Downloads

Ficha de dados, informação técnica	9AKK108468A9560 9AKK108468A9561 9AKK108468A9562

Classifications

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)
REEE B2C / B2B	Business To Business
CN8	85362020
eClass	V11.0 : 27141901
Código de classificação do objeto	F

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → High Performance Circuit Breakers HPCBs → Disjuntores de alta performance





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