

PRODUCT-DETAILS

S282UC-K10

Miniature Circuit Breaker - S280UC - 2P - K - 10 A

Para comprar pero obsoleto, se reemplaza por:



Información General

Tipo de producto extendido	S282UC-K10
Código de producto	GHS2820164R0427
EAN	4012233637201
Descripción corta	Miniature Circuit Breaker - S280UC - 2P - K - 10 A

Descripción larga

System pro M S280UC is a universal current miniature circuit breaker that provides current limitation. With its high DC voltage rating it is an excellent solution for DC applications in photovoltaic's, telecommunication, traction and industrial applications. They have two different tripping mechanisms, the delayed thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. They are available in different characteristics (B,K,Z), configurations (1P,2P,3P,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S280UC comply with IEC/EN 60947-2, UL 1077 and CSA 22.2 No. 235, allowing the use for commercial and industrial applications in direct current circuits for voltages up to 220 V DC 1 pole and 440 V DC 2, 3 and 4 poles.

Technical

Standards	CSA 22.2 No. 235 IEC/EN 60947-2 UL 1077
Product Name	Miniature Circuit Breaker
Tripping Characteristic	K
Rated Voltage (U _r)	400 V AC
Rated Operational Voltage	acc. to IEC 60898-1 440 V DC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC / 484 V DC Minimum 12 V AC / 12 V DC
Rated Insulation Voltage	acc. to IEC/EN 60664-1 500 V

(U_i)

Rated Impulse Withstand Voltage (U _{imp})	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Input Voltage Type	AC/DC
Rated Current (I _n)	10 A
Rated Ultimate Short-Circuit Breaking Capacity (I _{cu})	6 kA
Rated Service Short-Circuit Breaking Capacity (I _{cs})	6 kA
Rated Frequency (f)	50 / 60 Hz
Contact Position Indication	ON / OFF
Electrical Endurance	10000 AC cycle 20000 cycle
Number of Poles	2
Overvoltage Category	III
Product Range	S280UC
Tightening Torque	2.5 N·m
Actuator Type	Toggle
Screw Terminal Type	Cable Clamp
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
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
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Remarks	Please note polarity of device
Connecting Capacity	Busbar 16 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
Installation Size	acc. to DIN 43880 1
Terminal Type	Screw Terminals

Ambiente

Temperatura ambiente	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +70 °C
Reference Ambient Air Temperature	20 °C
Grado de protección	IP20 Enclosure with Cover IP40
Pollution Degree	2
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Resistance to Shock acc. to IEC 60068-2-27	30g / 3 shocks / 11 ms
RoHS Status	Following EU Directive 2011/65/EU

Environmental Information

2CDK400030D0201

Technical UL/CSA

Maximum Operating Voltage UL/CSA	500 V DC / 480Y V AC
Interrupting Rating acc. to UL1077	4.5 kA
Connecting Capacity UL/CSA	Conductor 18-4 AWG
Tightening Torque UL/CSA	Main Circuit 17.5 in-lb

Dimensiones

Width in Number of Modular Spacings	2
Ancho del producto	35 mm
Alto del producto	90 mm
Largo del producto	69 mm
Peso del producto	0.26 kg
Size	2 module
Built-In Depth (t ₂)	68 mm

Información de Embalaje

Embalaje Nivel 1 Unidades	5 piece
Embalaje Nivel 1 Ancho	105 mm
Embalaje Nivel 1 Alto	80 mm
Embalaje Nivel 1 Largo	183 mm
Embalaje Nivel 1 Peso	1.34 kg

Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85362010
Replacement Product ID (NEW)	2CDS272061R0427
Country of Origin	Germany (DE)
Selling Unit of Measure	piece

Certificados y Declaraciones (Número de Documento)

Declaración de conformidad - CE	2CDK400002D0401
Environmental Information	2CDK400030D0201
Instrucciones y manuales	2CSC400002D0208
RoHS Information	2CDK400005K0201

Descargas Populares

Ficha técnica, información	9AKK106930A8017
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técnica

Data Sheet, Technical Information (Part 2)	2CDC400021D0201
Instrucciones y manuales	2CSC400002D0208

Clasificaciones

ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
EPLAN Catalog Tree	Electrical engineering / Protection devices / General
EPLAN Function Definition	Circuit breaker / Double circuit-breaker / Double circuit breaker 1_2_3_4
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Consumer
CN8	8536 20 10
UNSPSC	39121614
eClass	V11.0 : 27141901
Object Classification Code	F

Categorías

Productos y sistemas de baja tensión → Aparatos modulares de instalación → Interruptores automáticos modulares



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