

PRODUCT-DETAILS

## S202-C100

# S202-C100 Interruptor automático - 2P - C - 100 A



### Información General

Tipo de producto extendido	S202-C100
Código de producto	2CDS252001R0824
EAN	4016779916684
Descripción corta	S202-C100 Interruptor automático - 2P - C - 100 A
Descripción larga	S202-C100 Miniature Circuit Breaker C-Char., 6kA, 100A, 2P

### Technical

Standards	IEC/EN 60898-1 IEC/EN 60947-2
Tripping Characteristic	C
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 400 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
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 at 2000 ms 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Input Voltage Type	AC
Rated Current (I <sub>n</sub> )	100 A
Rated Short-Circuit Capacity (I <sub>cn</sub> )	(AC) 6 kA (DC) 6 kA

	(230 V AC) 6 kA (400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity ( $I_{cu}$ )	(230 V AC) 10 kA (400 V AC) 6 kA
Rated Conditional Short-Circuit Current ( $I_{nc}$ )	(230 V) 10 kA (400 V) 20 kA
Rated Service Short-Circuit Breaking Capacity ( $I_{cs}$ )	(400 V AC) 6 kA
Rated Frequency (f)	50 / 60 Hz
Power Loss	19.6 W at Rated Operating Conditions per Pole 9.8 W
Power Supply Connection	Arbitrary
Contact Position Indication	ON / OFF
Energy Limiting Class	3
Electrical Endurance	10000 AC cycle 20000 cycle
Number of Poles	2
Number of Protected Poles	2
Overvoltage Category	III
Tightening Torque	3 N·m
Actuator Type	Toggle
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Actuator Marking	I / O
Actuator Material	Insulation Group II, Black, Sealable
Housing Material	Insulation Group I, RAL 7035
Mounting on DIN Rail	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
Mounting Position	Any
Recommended Screw Driver	Pozidriv 2
Accessories Available	Yes
Connecting Capacity	Busbar 16 / 16 mm <sup>2</sup> Conductor 2.5 ... 50 mm <sup>2</sup> Flexible 4 ... 35 mm <sup>2</sup> Rigid 2.5 ... 50 mm <sup>2</sup> Stranded 2.5 ... 50 mm <sup>2</sup>
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	30 °C
Grado de protección	IP20 Enclosure with Cover IP40
Pollution Degree	3
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	25g / 2 shocks / 13 ms
RoHS Status	Following EU Directive 2011/65/EU

## Dimensiones

Width in Number of Modular Spacings	2
Ancho del product	35 mm
Alto del producto	88 mm
Largo del product	69 mm
Peso del product	0.28 kg
Built-In Depth (t <sub>2</sub> )	69 mm

## Información de Embalaje

Embalaje Nivel 1 Unidades	carton 5 piece
Embalaje Nivel 1 Ancho	92 mm
Embalaje Nivel 1 Alto	80 mm
Embalaje Nivel 1 Largo	183 mm
Embalaje Nivel 1 Peso	16 kg
Embalaje Nivel 1 EAN	4016779918121
Package Level 2 Units	crate 60 piece
Package Level 2 Width	275 mm
Package Level 2 Height	210 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Gross Weight	14.8 kg
Package Level 2 EAN	4016779919562

## Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85362090
E-Number (Finland)	3210641
Country of Origin	Germany (DE)

## Certificados y Declaraciones (Número de Documento)

Certification Agency	EN IEC
Declaración de conformidad - CE	2CDK400601D2703
Instrucciones y manuales	2CDS207104P0001
RoHS Information	2CDK400601D2703

## Descargas Populares

Ficha técnica, información técnica	2CDC002180D0203
Instrucciones y manuales	2CDS207104P0001
EPLAN Graphical Macro	9AKK106713A8115
EPLAN Macro	9AKK106713A8105

## Clasificaciones

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 90
UNSPSC	39121614
eClass	V11.0 : 27141901

## Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Contacto auxiliar y señalización	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Contacto Auxiliar	S2C-H6R	1	piece
2CDS200936R0001	S2C-H11L Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	S2C-H02L Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	S2C-H6-11R Contacto Auxiliar	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Contacto Auxiliar	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Contacto Auxiliar	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Bobina emision	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Bobina emision	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Bobina mínima tensión	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Bobina mínima tensión	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Bobina mínima tensión	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Bobina mínima tensión	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Bobina mínima tensión	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Bobina mínima tensión	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Bobina mínima tensión	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Bobina mínima tensión	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Bobina mínima tensión	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Bobina mínima tensión	S2C-UA 230 DC	1	piece
GHS2001901R0003	S2C-DH Accesorio mecánico	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CCA880100R0001	Sensor 80A CMS-100PS	CMS-100PS	1	piece
2CCA880101R0001	Sensor 40A CMS-101PS	CMS-101PS	1	piece
2CCA880102R0001	Sensor 20A CMS-102PS	CMS-102PS	1	piece

## Categorías

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

