



PRODUCT-DETAILS

S203-C100

Miniature Circuit Breaker - S200 80-100A - 3P - 100 A - C



Informações gerais	
Tipo de produto alargado	S203-C100
ID do produto	2CDS253001R0824
EAN	4016779916288
Descrição do catálogo	Miniature Circuit Breaker - S200 80-100A - 3P - 100 A - C
Descrição longa	S203-C100 Miniature Circuit Breake C-Char., 6kA, 100A, 3P

Technical	
Tripping Characteristic	C
Tensão operacional nominal	acc. to IEC 60898-1 400 V AC acc. to IEC 60898-1 400 V acc. to IEC 60947-2 400 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC
Rated Insulation Voltage (U _i)	acc. to IEC/EN 60664-1 440 V
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
Tipo de tensão de entrada	AC
Corrente nominal (I_n)	100 A
Rated Short-Circuit Capacity	(AC) 6 kA (DC) 6 kA (230 V AC) 6 kA (400 V AC) 6 kA (400 V) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 V AC) 10 kA (400 V AC) 6 kA (400 V) 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
Frequência nominal (f)	50 / 60 Hz
Power Loss	29.4 W at Rated Operating Conditions per Pole 9.8 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 AC cycle
Mechanical Endurance	20000 cycle
Number of Protected Poles	3
Número de polos	3P
Overvoltage Category	III
Binário de aperto	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
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	Sim
Connecting Capacity	Busbar 16 / 16 mm ² Conductor 2.5 ... 50 mm ² Flexible 4 ... 35 mm ² Rigid 2.5 ... 50 mm ² Stranded 2.5 ... 50 mm ²
Installation Size	acc. to DIN 43880 1
Tipo de terminal	Screw Terminals

Material Compliance

Informação RoHS	2CDK400601D2703
Estado RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Data RoHS	20200320
REACH Declaration	9AKK107492A1906
REACH Information	True - contains substances > 0.1 mass percentage

REACH Date	20240821
Conflict Minerals Reporting Template (CMRT)	9AKK108468A3363
Categoria REEE	5. Small Equipment (No External Dimension More Than 50 cm)
REEE B2C / B2B	Business To Business

Environmental

Temperatura do ar ambiente	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Grau de proteção	IP20 IP40 Enclosure with Cover IP40
Pollution Degree	3
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %
Resistance to Vibrations	20 Cycles with Load 0.8 In: 5g 5 ... 150 ... 5 Hz
Resistência ao Choque de acordo com IEC 60068-2-27	25g 2 shocks 13 ms

Dimensions

Width in Number of Modular Spacings	3.0
Largura Líquida do Produto	52.5 mm
Altura Líquida do Produto	88 mm
Profundidade/Comprimento Líquidos do Produto	69 mm
Peso Líquido do Produto	0.42 kg
Built-In Depth (t ₂)	69 mm

Ordering

Unidades de embalagem Nível 1	carton 1 piece
Peso bruto da embalagem Nível 1	16 kg
E-Number (Finland)	3210642
E-Number (Norway)	1682955

Certificates and Declarations

Declaração de conformidade -CE	2CDK400601D2703
Declaration of Conformity - UKCA	9AKK108467A5198

Installation

Instruções e Manuais	2CDS207104P0002
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Popular Downloads

Ficha de dados, informação técnica	9AKK107680A3031
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External Classifications and Standards

ETIM 8	EC000042 - Miniature circuit breaker (MCB)
ETIM 9	EC000042 - Miniature circuit breaker (MCB)
UNSPSC	39121603
eClass	V11.0 : 27141901
Código de Categoria Granular IDEA (IGCC)	4897 >> Miniature circuit breakers
Código de classificação do objeto	F
Normas	IEC/EN 60898-1 IEC/EN 60947-2
Agência de certificação	EN IEC

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	Signal/Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	Auxiliary Contact	S2C-H6R	1	piece
2CDS200970R0002	Auxiliary Contact	S2C-H10	1	piece
2CDS200936R0001	Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	Auxiliary Contact	S2C-H20L	1	piece
2CDS200936R0003	Auxiliary Contact	S2C-H02L	1	piece
2CDS200946R0001	Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	Undervoltage Release	S2C-UA 12 DC	1	piece
2CSS200911R0002	Undervoltage Release	S2C-UA 24 AC	1	piece
2CSS200911R0003	Undervoltage Release	S2C-UA 48 AC	1	piece
2CSS200911R0004	Undervoltage Release	S2C-UA 110 AC	1	piece
2CSS200911R0005	Undervoltage Release	S2C-UA 230 AC	1	piece
2CSS200911R0006	Undervoltage Release	S2C-UA 400 AC	1	piece
2CSS200911R0007	Undervoltage Release	S2C-UA 24 DC	1	piece
2CSS200911R0008	Undervoltage Release	S2C-UA 48 DC	1	piece
2CSS200911R0009	Undervoltage Release	S2C-UA 110 DC	1	piece
2CSS200911R0010	Undervoltage Release	S2C-UA 230 DC	1	piece
GHS2001901R0003	Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	Mechanical tripping device	S2C-BP	1	piece
2CCA880100R0001	Sensor	CMS-100PS	1	piece
2CCA880101R0001	Sensor	CMS-101PS	1	piece
2CCA880102R0001	Sensor	CMS-102PS	1	piece

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → Miniature Circuit Breakers MCBs → Minidisjuntores → S200 80-100A

