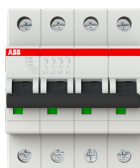


PRODUCT-DETAILS

S204-C50

S204-C50 Miniature Circuit Breaker - 4P - C - 50 A



Informações gerais

Tipo de produto alargado	S204-C50
ID do produto	2CDS254001R0504
EAN	4016779551106
Descrição do catálogo	S204-C50 Miniature Circuit Breaker - 4P - C - 50 A

Descrição longa

System pro M compact S200 miniature circuit breakers are current limiting. 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,C,D,K,Z), configurations (1P,1P+N,2P,3P,3P+N,4P), breaking capacities (up to 6 kA at 230/400 V AC) and rated currents (up to 63A). All MCBs of the product range S200 comply with IEC/EN 60898-1, IEC/EN 60947-2, UL1077 allowing the use for residential, commercial and industrial applications. Bottom-fitting auxiliary contact can be mounted on S200 to save 50% space.

Technical

Normas	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Tripping Characteristic	C
Tensão operacional nominal	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
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/DC
Corrente nominal (I_n)	50 A
Rated Short-Circuit Capacity (I_{cn})	(AC) 6 kA (DC) 6 kA (400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I_{cu})	(230 V AC) 20 kA (400 V AC) 10 kA (440 V AC) 10 kA
Rated Conditional Short-Circuit Current (I_{nc})	(230 V) 20 kA (400 V) 20 kA
Rated Service Short-Circuit Breaking Capacity (I_{cs})	(230 V AC) 15 kA (400 V AC) 7.5 kA (440 V AC) 7.5 kA
Frequência (f)	50 Hz
Frequência nominal (f)	50 / 60 Hz
Power Loss	13 W at Rated Operating Conditions per Pole 3.25 W
Power Supply Connection	Arbitrary
Contact Position Indication	Red ON / Green OFF
Energy Limiting Class	3
Electrical Endurance	10000 AC cycle 20000 cycle
Número de polos	4
Number of Protected Poles	4
Overvoltage Category	III
Product Range	S200
Binário de aperto	2.8 N·m
Tipo de apoio	DIN-Rail
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 II, 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
Connecting Capacity	Busbar 10 / 10 mm ² Flexible with Ferrule 0.75 ... 25 mm ² Flexible 0.75 ... 25 mm ² Rigid 0.75 ... 35 mm ² Stranded 0.75 ... 35 mm ²
Installation Size	acc. to DIN 43880 1
Wire Stripping Length	12.5 mm
Tipo de terminal	Screw Terminals

Environmental

Temperatura do ar ambiente	Operation -25 ... +55 °C Storage -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Grau de proteção	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
Resistência ao Choque de acordo com IEC 60068-2-27	25g / 2 shocks / 13 ms
Estado RoHS	Following EU Directive 2011/65/EU
Informação ambiental	2CDK400030D0201

Technical UL/CSA

Maximum Operating Voltage UL/CSA	110 V DC 480Y/277 V AC
Interrupting Rating acc. to UL1077	(277 V AC) 6 kA (480Y / 277 V AC) 6 kA (240 V) 10 kA
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	18 in-lb

Dimensions

Width in Number of Modular Spacings	4
Largura Líquida do Produto	70 mm
Altura Líquida do Produto	88 mm
Profundidade/Comprimento Líquidos do Produto	69 mm
Peso Líquido do Produto	0.5 kg
Pole Net Weight	0.125 kg
Built-In Depth (t ₂)	69 mm

Container Information

Unidades de embalagem Nível 1	carton 1 piece
Largura da embalagem Nível 1	92 mm
Altura da embalagem Nível 1	80 mm
Profundidade/Comprimento da embalagem Nível 1	78 mm
Peso bruto da embalagem Nível 1	0.51 kg
Nível de Embalagem 1 EAN	4016779611091
Unidades de embalagem Nível 2	carton 24 piece
Largura da embalagem Nível 2	275 mm
Altura da embalagem Nível 2	210 mm
Profundidade/Comprimento	395 mm

ento da embalagem

Nível 2

Peso bruto da embalagem Nível 2 11.92 kg

Nível de Embalagem 2 4016779975179

EAN

Ordering

Quantidade Mínima de Encomenda 1 piece

Número de tarifa aduaneira 85362010

E-Number (Finland) 3211046

País de origem Germany (DE)

Certificates and Declarations (Document Number)

Agência de certificação EN
IEC
UL

Declaração de conformidade -CE 2CDK403001D0607

Informação ambiental 2CDK400030D0201

I²t Characteristic 9AKK107992A5102

Instruções e Manuais 2CDS207104P0001

Informação RoHS 2CDK403001D0607

Popular Downloads

Ficha de dados, informação técnica 9AKK107991A8329

Instruções e Manuais 2CDS207104P0001

Diagrama de medidas 2CDC022007F0010

I²t Characteristic 9AKK107992A5102

EPLAN Graphical Macro 9AKK106713A7632

EPLAN Macro 9AKK106713A7622

Classifications

ETIM 7 EC000042 - Miniature circuit breaker (MCB)

ETIM 8 EC000042 - Miniature circuit breaker (MCB)

Árvore de Catálogo EPLAN Electrical engineering / Protection devices / General

EPLAN Function Definition Circuit breaker / Quadruple circuit-breaker / Quadruple circuit-breaker
1_2_3_4_5_6_7_8

Categoria REEE 5. Small Equipment (No External Dimension More Than 50 cm)

REEE B2C / B2B Business To Consumer

CN8 8536 20 10

UNSPSC 39121614

eClass V11.0 : 27141901

Código de classificação do objeto F

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R Auxiliary Contact	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 Auxiliary Contact	S2C-H6-11R	1	piece
2CDS200946R0002	S2C-H6-20R Auxiliary Contact	S2C-H6-20R	1	piece
2CDS200946R0003	S2C-H6-02R Auxiliary Contact	S2C-H6-02R	1	piece
2CDS200909R0001	S2C-A1 Shunt Trip	S2C-A1	1	piece
2CDS200909R0002	S2C-A2 Shunt Trip	S2C-A2	1	piece
2CSS200911R0001	S2C-UA 12 DC Undervoltage release	S2C-UA 12 DC	1	piece
2CSS200911R0002	S2C-UA 24 AC Undervoltage release	S2C-UA 24 AC	1	piece
2CSS200911R0003	S2C-UA 48 AC Undervoltage release	S2C-UA 48 AC	1	piece
2CSS200911R0004	S2C-UA 110 AC Undervoltage release	S2C-UA 110 AC	1	piece
2CSS200911R0005	S2C-UA 230 AC Undervoltage release	S2C-UA 230 AC	1	piece
2CSS200911R0006	S2C-UA 400 AC Undervoltage release	S2C-UA 400 AC	1	piece
2CSS200911R0007	S2C-UA 24 DC Undervoltage release	S2C-UA 24 DC	1	piece
2CSS200911R0008	S2C-UA 48 DC Undervoltage release	S2C-UA 48 DC	1	piece
2CSS200911R0009	S2C-UA 110 DC Undervoltage release	S2C-UA 110 DC	1	piece
2CSS200911R0010	S2C-UA 230 DC Undervoltage release	S2C-UA 230 DC	1	piece
2CSS201997R0013	S2C-CM1 Motor operating device	S2C-CM1	1	piece
2CSS203997R0013	S2C-CM2/3 Motor operating device	S2C-CM2/3	1	piece
2CSS204997R0013	S2C-CM4 Motor operating device	S2C-CM4	1	piece
GHS2001901R0003	S2C-DH Mechanical Accessories	S2C-DH	1	piece
2CSS200998R0001	S2C-BP Mechanical tripping device	S2C-BP	1	piece
2CSS200999R0001	S2C-EST Plug-in base	S2C-EST	1	piece
2CDS200918R0001	S2C-NT Hand Operated Neutral	S2C-NT	1	piece
2CCA880100R0001	CMS-100PS Sensor	CMS-100PS	1	piece
2CCA880101R0001	CMS-101PS Sensor	CMS-101PS	1	piece
2CCA880102R0001	CMS-102PS Sensor	CMS-102PS	1	piece

Categorias

Produtos e Sistemas de Baixa Tensão → Produtos modulares para trilho DIN → Minidisjuntores

