

PRODUCT-DETAILS

## S204-C25

# Interruptor automático - S200 - 4P - C - 25 A



### Información General

Tipo de producto extendido	S204-C25
Código de producto	2CDS254001R0254
EAN	4016779529235
Descripción corta	Interruptor automático - S200 - 4P - C - 25 A
Descripción larga	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

Standards	IEC/EN 60898-1 IEC/EN 60947-2 UL 1077
Number of Poles	4
Number of Protected Poles	4
Tripping Characteristic	C
Rated Current (I <sub>n</sub> )	25 A
Rated Operational Voltage	acc. to IEC 60898-1 400 V AC acc. to IEC 60947-2 440 V AC
Rated Voltage (U <sub>r</sub> )	400 V AC

Power Loss	12.8 W at Rated Operating Conditions per Pole 3.2 W
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC/EN 60664-1 440 V
Operational Voltage	Maximum (Incl. Tolerance) 440 V AC Minimum 12 V AC Minimum 12 V DC
Rated Frequency (f)	50 / 60 Hz
Rated Short-Circuit Capacity (I <sub>cn</sub> )	(230 V AC) 6 kA (400 V AC) 6 kA
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> )	(230 V AC) 20 kA (400 V AC) 20 kA (440 V AC) 10 kA
Rated Service Short-Circuit Breaking Capacity (I <sub>cs</sub> )	(230 V AC) 15 kA
Energy Limiting Class	3
Overtoltage Category	III
Pollution Degree	3
Rated Impulse Withstand Voltage (U <sub>imp</sub> )	4 kV at 2000 m 5 kV at Sea Level 6.2 kV
Dielectric Test Voltage	50/60 Hz, 1 min: 2 kV
Housing Material	Insulation Group II, RAL 7035
Actuator Material	Insulation Group II, Black, Sealable
Actuator Marking	I / O
Contact Position Indication	Red ON / Green OFF
Grado de protección	IP20 Enclosure with Cover IP40
Electrical Endurance	20000 AC cycle 20000 cycle
Terminal Type	Screw Terminals
Screw Terminal Type	Failsafe Bi-directional Cylinder-lift Terminal
Connecting Capacity	Busbar 10 / 10 mm <sup>2</sup> Flexible with Ferrule 0.75 ... 25 mm <sup>2</sup> Flexible 0.75 ... 25 mm <sup>2</sup> Rigid 0.75 ... 35 mm <sup>2</sup> Stranded 0.75 ... 35 mm <sup>2</sup>
Tightening Torque	2.8 N·m
Recommended Screw Driver	Pozidriv 2
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
Built-In Depth (t <sub>2</sub> )	69 mm
Installation Size	acc. to DIN 43880 1
Power Supply Connection	Arbitrary

## Ambiente

Temperatura ambiente	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +70 °C
Reference Ambient Air Temperature	30 °C
Resistance to Shock acc. to IEC 60068-2-27	25g / 2 shocks / 13 ms
Resistance to Vibrations acc. to IEC 60068-2-6	5g, 20 cycles at 5 ... 150 ... 5 Hz with load 0.8 In
Environmental Conditions	28 cycles with 55 °C / 90-96 % and 25 °C / 95-100 %

RoHS Status

Following EU Directive 2011/65/EU

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### Technical UL/CSA

Maximum Operating Voltage UL/CSA	110 V DC 480Y/277 V AC
Connecting Capacity UL/CSA	Busbar 18-8 AWG Conductor 18-4 AWG
Tightening Torque UL/CSA	25 in-lb
Interrupting Rating acc. to UL1077	(110 V DC) 10 kA (277 V AC) 6 kA (480Y / 277 V AC) 6 kA

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### Dimensiones

Ancho del product	70 mm
Largo del product	69 mm
Alto del producto	88 mm
Peso del product	0.5 kg

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### Información de Embalaje

Embalaje Nivel 1 Unidades	carton 1 piece
Embalaje Nivel 1 Ancho	92 mm
Embalaje Nivel 1 Largo	78 mm
Embalaje Nivel 1 Alto	80 mm
Embalaje Nivel 1 Peso	0.51 kg
Embalaje Nivel 1 EAN	4016779610810
Package Level 2 Units	carton 24 piece
Package Level 2 Width	275 mm
Package Level 2 Depth / Length	395 mm
Package Level 2 Height	210 mm
Package Level 2 Gross Weight	11.92 kg
Package Level 2 EAN	4016779974899

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### Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85362010
E-Number (Sweden)	2100279
E-Number (Finland)	3211043

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### Certificados y Declaraciones (Número de Documento)

Declaración de conformidad - CE	2CDK403001D0607
Environmental Information	2CDK400030D0201
Instrucciones y manuales	2CDS207104P0001
RoHS Information	2CDK403001D0607

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## Descargas Populares

Ficha técnica, información técnica	9AKK107046A0423
Instrucciones y manuales	2CDS207104P0001

## Clasificaciones

Object Classification Code	F
ETIM 6	EC000042 - Miniature circuit breaker (MCB)
ETIM 7	EC000042 - Miniature circuit breaker (MCB)
ETIM 8	EC000042 - Miniature circuit breaker (MCB)
eClass	V11.0 : 27141901
UNSPSC	39121614

## Accessories

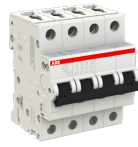
Identifier	Description	Type	Quantity	Unit Of Measure
2CDS200922R0001	S2C-S/H6R - Signal / Auxiliary Contact	S2C-S/H6R	1	piece
2CDS200912R0001	S2C-H6R - Auxiliary Contact	S2C-H6R	1	piece
2CDS200936R0001	S2C-H11L - Auxiliary Contact	S2C-H11L	1	piece
2CDS200936R0002	S2C-H20L - Auxiliary Contact	S2C-H20L	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

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## Categorías

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





## EU Declaration of Conformity

EU Konformitätserklärung  
Déclaration UE de conformité  
Dichiarazione di conformità UE

### This declaration of conformity is issued under the sole responsibility of the manufacturer

Die alleinige Verantwortung für die Ausstellung dieser Konformitätserklärung trägt der Hersteller /  
La présente déclaration de conformité est établie sous la seule responsabilité du fabricant /  
La presente dichiarazione di conformità è rilasciata sotto la responsabilità esclusiva del fabbricante

**ABB STOTZ-KONTAKT GmbH**  
Eppelheimer Str. 82  
69123 Heidelberg, Germany

### Object of declaration

Gegenstand der Erklärung / Objet de la déclaration / Oggetto della dichiarazione

### Miniature Circuit Breaker

Leitungsschutzschalter / Disjoncteur / Interruttore automatico

Type / Typ / Type / Tipo **S 200 L, S200, S200 M**

### The object of this declaration is in conformity with the relevant Community harmonisation legislation

Der oben beschriebene Gegenstand der Erklärung erfüllt die einschlägigen / Harmonisierungsrechtsvorschriften der Gemeinschaft /  
L'objet de la déclaration décrit ci-dessus est conforme à la législation communautaire d'harmonisation applicable /  
L'oggetto della dichiarazione di cui sopra è conforme alla pertinente normativa comunitaria di armonizzazione

**Low Voltage Directive / Niederspannungsrichtlinie / Directive basse tension / Direttiva Bassa Tensione**  
**No. 2014/35/EU**

**RoHS Directive / RoHS Richtlinie / Directive RoHS / Direttiva RoHS**  
**No. 2011/65/EU**

**This includes delegated directive (EU) 2015/863 to the change of amendment II.**

**Core and armature contain up to 0.35% lead (exemption 6a according EU directive 2011/65/EU).**

### and are in conformity with the following harmonized standards or other normative documents

nachgewiesen durch die Einhaltung der nachstehend aufgeführten Normen oder anderen normativen Dokumenten /  
et justifié par le respect des Normes mentionnées ci-dessous ou autres documents normatifs /  
e sono stati applicati le norme o altri documenti normativi indicati di seguito

**EN 60898-1 :2019**

**EN 60947-1 :2007**

**EN 60947-1 :2007/A1 :2011**

**EN 60947-1 :2007/A2 :2014**

**EN 60947-2 :2017**

**EN 60947-2 :2017/A1 :2020**

### Year of CE-marking: 1999

Jahr der CE-Kennzeichnung / Année d'apposition du marquage CE / Anno in cui è stata affissa la marcatura

### Signed for and on behalf of

Unterzeichnet für und im Namen von / Signé par et au nom de / Firmato in vece e per conto di

**ABB STOTZ-KONTAKT GmbH**  
Heidelberg, 2021-06-08

**i.V. Christian Steinle**  
LPG Production Development Manager

**i.V. Rafael Avila**  
LPG Quality Manager