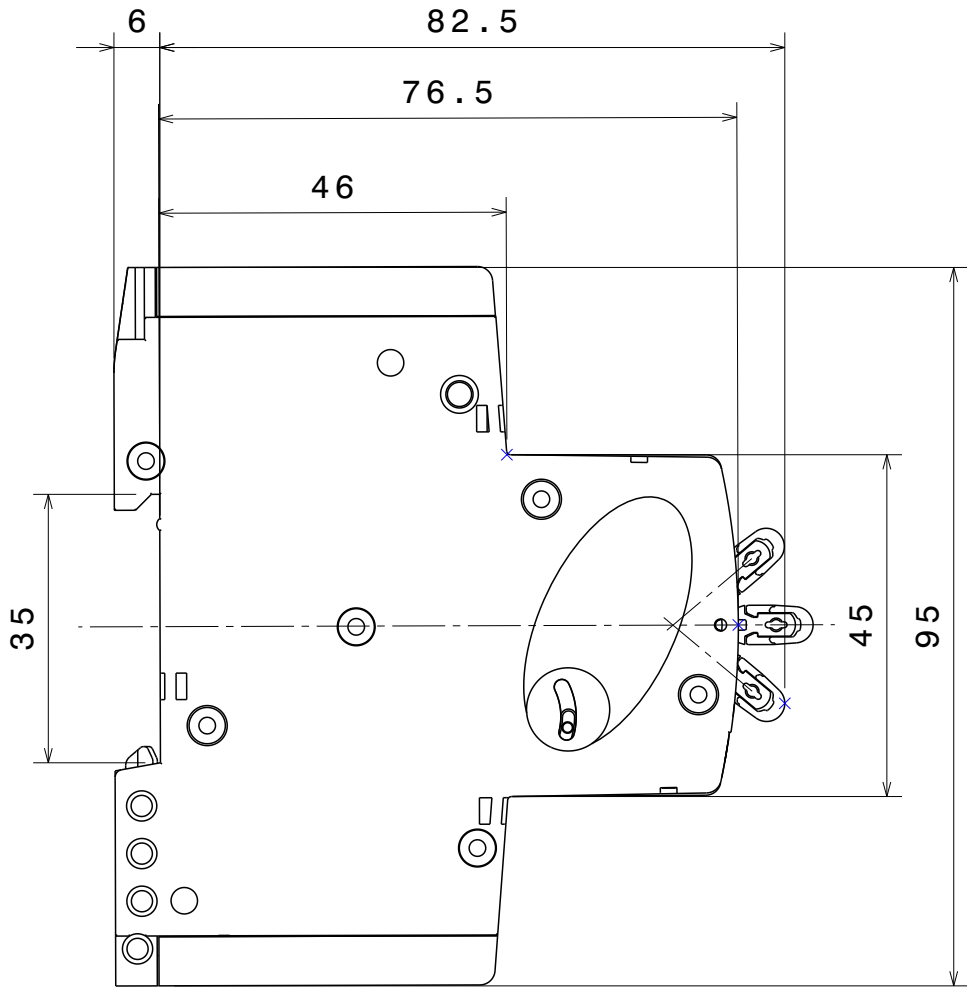
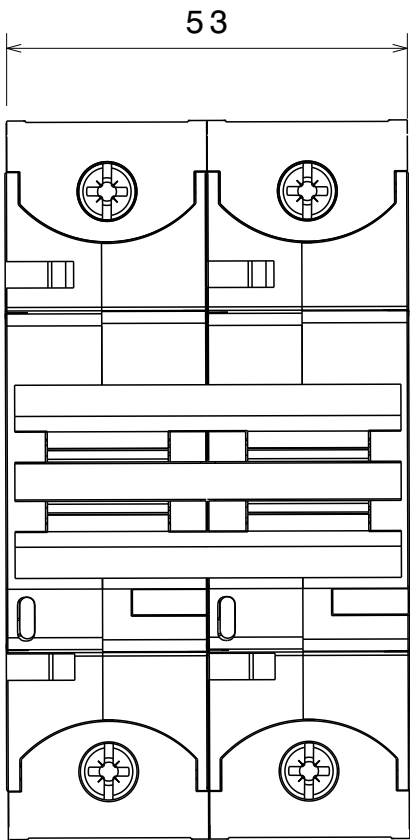


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03	INTER. MAGNET. BIPOLAR 25A	1		ABB	S802N-D25	0.490	
	INTER. MAGNET. BIPOLARE 25A						
02	INTER. MAGNET. BIPOLAR 10A	1		ABB	S802N-D10	0.490	
	INTER. MAGNET. BIPOLARE 10A						
01	INTER. MAGNET. BIPOLAR 6A	1		ABB	S802N-D6	0.490	
	INTER. MAGNET. BIPOLARE 6A						
MARCA	DESCRIPCIÓN	CANT.	CÓDIGO O NORMA	MATERIAL O REFERENCIA	PESO	DIMENSIONES	
MARCA	DESCRIZIONE	QUANT.	CÓDICE O NORMA	MATERIALE O REFERENZA	PESO	DIMENSIONES	
					(Kg)	(mm)	

LOCOMOTIVA E401				ISO 2768-cK DIN ISO 13920-BF	0.000	A3	BEASAIN	OT	Y
A	AÑADIR DATASHEETS	2016-07-01	12199						
B	AÑADIR DATASHEETS	2016-07-26	12199						
C	AÑADIR DATASHEETS	2016-09-27	96015						
Ed.	Descrizione	Date	Nome						
1:1	Disegnato	05/03/2015	10221	MAGNETOTERMICO BIPOLAR S802N-D  MAGNETOTERMICO BIPOLARE S802N-D					
	Comprovato	05/03/2015	12199						
	Verificato	05/03/2015	14422						
		Date	Nome						
		es/it							
CONSTRUCCIONES Y AUXILIAR DE FERROCARRILES, S.A. BEASAIN (GIPUZKOA)				B.20.71.150			C	1/7	

## General Information

Extended Product Type:	S802N-D6
Product ID:	2CCS892001R0061
EAN:	7612271408510
Catalog Description:	S802N-D6 High Performance Circuit Breaker
Long Description:	The S802N-D6 is a 2-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 6 A. It is a current limiting device with a maximum breaking capacity of 36kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802N-D6 complies with IEC/EN 60947-2 and allows the use for industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802N-D6 more comfortable. Due to the fast arc extinction of S802N-D6 your application will be secured.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » High Performance Circuit Breakers HPCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362020
EAN:	7612271408510

## Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.49 kg
Product Net Width:	54 mm

## Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	60 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.51 kg
Package Level 1 EAN:	7612271408510
Package Level 1 Units:	1 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +60 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	5 g 30 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Environmental Conditions:	Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical

Number of Poles:	2
Tripping Characteristic:	D
Rated Current (I <sub>n</sub> ):	6 A
Rated Operational Voltage:	400/690 V AC 250 V DC
Power Loss:	at Rated Operating Conditions per Pole 1.8 W
Rated Insulation Voltage (U <sub>i</sub> ):	690 V AC
Rated Frequency (f):	50 / 60 Hz
Rated Ultimate Short-Circuit Breaking Capacity (I <sub>cu</sub> ):	(240 / 415 V AC) 36 kA (254 / 440 V AC) 20 kA (400 / 690 V AC) 4.5 kA (125 V DC) 20 kA

<b>Rated Service Short-Circuit Breaking Capacity (I<sub>cs</sub>):</b>	(240 / 415 V AC) 30 kA (254 / 440 V AC) 15 kA (400 / 690 V AC) 3 kA (125 V DC) 20 kA
<b>Overvoltage Category:</b>	IV
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	8 kV
<b>Housing Material:</b>	Insulation group I, RAL 7035
<b>Contact Position Indication:</b>	ON / OFF / TRIP
<b>Degree of Protection:</b>	acc. to IEC 60529 IP20
<b>Remarks:</b>	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
<b>Electrical Endurance:</b>	10000 cycle
<b>Mechanical Endurance:</b>	10000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Connecting Capacity:</b>	Stranded 1 ... 50 mm <sup>2</sup> Flexible 1 ... 70 mm <sup>2</sup>
<b>Tightening Torque:</b>	3.5 N·m 31 in·lb
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60947-2 IEC/EN 60898-1

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CCC413016M0004
<b>Data Sheet, Technical Information:</b>	2CCC413003C0203
<b>Declaration of Conformity - CE:</b>	2CCC413016D060
<b>RoHS Information:</b>	2CCC413008D0204

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Object Classification Code:</b>	F



## General Information

Extended Product Type:	S802N-D10
Product ID:	2CCS892001R0101
EAN:	7612271204884
Catalog Description:	S802N-D10 High Performance Circuit Breaker
Long Description:	The S802N-D10 is a 2-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 10 A. It is a current limiting device with a maximum breaking capacity of 36kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802N-D10 complies with IEC/EN 60898-1 and IEC/EN 60947-2 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802N-D10 more comfortable. Due to the fast arc extinction of S802N-D10 your application will be secured.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » High Performance Circuit Breakers HPCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362020
EAN:	7612271204884

## Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.49 kg
Product Net Width:	54 mm

## Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	60 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.51 kg
Package Level 1 EAN:	7612271204884
Package Level 2 Units:	1
Package Level 1 Units:	1 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +60 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	5 g 30 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x le
Environmental Conditions:	Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical

Number of Poles:	2
Tripping Characteristic:	D
Rated Current (I <sub>n</sub> ):	10 A
Rated Operational Voltage:	400/690 V AC 250 V DC
Power Loss:	at Rated Operating Conditions per Pole 1.5 W
Rated Insulation Voltage (U <sub>i</sub> ):	690 V AC
Operational Voltage:	Maximum 230/400 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz

<b>Rated Short-Circuit Capacity (<math>I_{cn}</math>):</b>	(230 / 400 V AC) 20 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(240 / 415 V AC) 36 kA (254 / 440 V AC) 20 kA (400 / 690 V AC) 4.5 kA (125 V DC) 20 kA
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(240 / 415 V AC) 30 kA (254 / 440 V AC) 15 kA (400 / 690 V AC) 3 kA (125 V DC) 20 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	IV
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Housing Material:</b>	Insulation group I, RAL 7035
<b>Contact Position Indication:</b>	ON / OFF / TRIP
<b>Degree of Protection:</b>	acc. to IEC 60529 IP20
<b>Remarks:</b>	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
<b>Electrical Endurance:</b>	10000 cycle
<b>Mechanical Endurance:</b>	10000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Connecting Capacity:</b>	Stranded 1 ... 50 mm <sup>2</sup> Flexible 1 ... 70 mm <sup>2</sup>
<b>Tightening Torque:</b>	3.5 N·m 31 in·lb
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60947-2 IEC/EN 60898-1

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CCC413016M0004
<b>Data Sheet, Technical Information:</b>	2CCC413003C0203
<b>Declaration of Conformity - CE:</b>	2CCC413016D060
<b>RoHS Information:</b>	2CCC413008D0204

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Object Classification Code:</b>	F



## General Information

Extended Product Type:	S802N-D25
Product ID:	2CCS892001R0251
EAN:	7612271204921
Catalog Description:	S802N-D25 High Performance Circuit Breaker
Long Description:	The S802N-D25 is a 2-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 25 A. It is a current limiting device with a maximum breaking capacity of 36kA at 240/415V. It can be used for voltages up to 400/690V and in DC as well. It has two different tripping mechanisms, the thermal tripping mechanism for overload protection and the electromechanic tripping mechanism for short circuit protection. The S802N-D25 complies with IEC/EN 60898-1 and IEC/EN 60947-2 and allows the use for residential, commercial and industrial applications. It has numerous of approvals, therefore it can be used worldwide. The extensive range of accessory makes the use of S802N-D25 more comfortable. Due to the fast arc extinction of S802N-D25 your application will be secured.

## Categories

Products » Low Voltage Products and Systems » Modular DIN Rail Products » High Performance Circuit Breakers HPCBs

## Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85362020
EAN:	7612271204921

## Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.49 kg
Product Net Width:	54 mm

## Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	60 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.51 kg
Package Level 1 EAN:	7612271204921
Package Level 2 Units:	1
Package Level 1 Units:	1 piece

## Environmental

Ambient Air Temperature:	Operation -25 ... +60 °C Storage -40 ... +70 °C
Resistance to Shock acc. to IEC 60068-2-27:	5 g 30 ms
Resistance to Vibrations acc. to IEC 60068-2-6:	2 - 13.2 Hz / 1mm 13.2 - 100Hz / 0.7g with load 100% x Ie
Environmental Conditions:	Damp Heat Cyclic acc. to IEC 60068-2-30 12+12 cycle Damp Heat Cyclic acc. to IEC 60068-2-30 55°C @ 90-96% Damp Heat Cyclic acc. to IEC 60068-2-30 25°C @ 90-100% Dry Heat Test B acc. to IEC 60068-2-2 16 hour @ 55 °C Dry Heat Test B acc. to IEC 60068-2-2 2 hour @ 70 °C
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical

Number of Poles:	2
Tripping Characteristic:	D
Rated Current (I <sub>n</sub> ):	25 A
Rated Operational Voltage:	400/690 V AC 250 V DC
Power Loss:	at Rated Operating Conditions per Pole 4.3 W
Rated Insulation Voltage (U <sub>i</sub> ):	690 V AC
Operational Voltage:	Maximum 230/400 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz

<b>Rated Short-Circuit Capacity (<math>I_{cn}</math>):</b>	(230 / 400 V AC) 20 kA
<b>Rated Ultimate Short-Circuit Breaking Capacity (<math>I_{cu}</math>):</b>	(240 / 415 V AC) 36 kA (254 / 440 V AC) 20 kA (400 / 690 V AC) 4.5 kA (125 V DC) 20 kA
<b>Rated Service Short-Circuit Breaking Capacity (<math>I_{cs}</math>):</b>	(240 / 415 V AC) 30 kA (254 / 440 V AC) 15 kA (400 / 690 V AC) 3 kA (125 V DC) 20 kA
<b>Energy Limiting Class:</b>	3
<b>Overvoltage Category:</b>	IV
<b>Pollution Degree:</b>	3
<b>Rated Impulse Withstand Voltage (<math>U_{imp}</math>):</b>	8 kV
<b>Housing Material:</b>	Insulation group I, RAL 7035
<b>Contact Position Indication:</b>	ON / OFF / TRIP
<b>Degree of Protection:</b>	acc. to IEC 60529 IP20
<b>Remarks:</b>	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
<b>Electrical Endurance:</b>	10000 cycle
<b>Mechanical Endurance:</b>	10000 cycle
<b>Terminal Type:</b>	Screw Terminals
<b>Connecting Capacity:</b>	Stranded 1 ... 50 mm <sup>2</sup> Flexible 1 ... 70 mm <sup>2</sup>
<b>Tightening Torque:</b>	3.5 N·m 31 in·lb
<b>Recommended Screw Driver:</b>	Pozidriv 2
<b>Mounting on DIN Rail:</b>	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
<b>Mounting Position:</b>	Any
<b>Standards:</b>	IEC/EN 60947-2 IEC/EN 60898-1

#### Certificates and Declarations (Document Number)

<b>Instructions and Manuals:</b>	2CCC413016M0004
<b>Data Sheet, Technical Information:</b>	2CCC413003C0203
<b>Declaration of Conformity - CE:</b>	2CCC413016D060
<b>RoHS Information:</b>	2CCC413008D0204

#### Classifications

<b>ETIM 4:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 5:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>ETIM 6:</b>	EC000042 - Miniature circuit breaker (MCB)
<b>Object Classification Code:</b>	F

