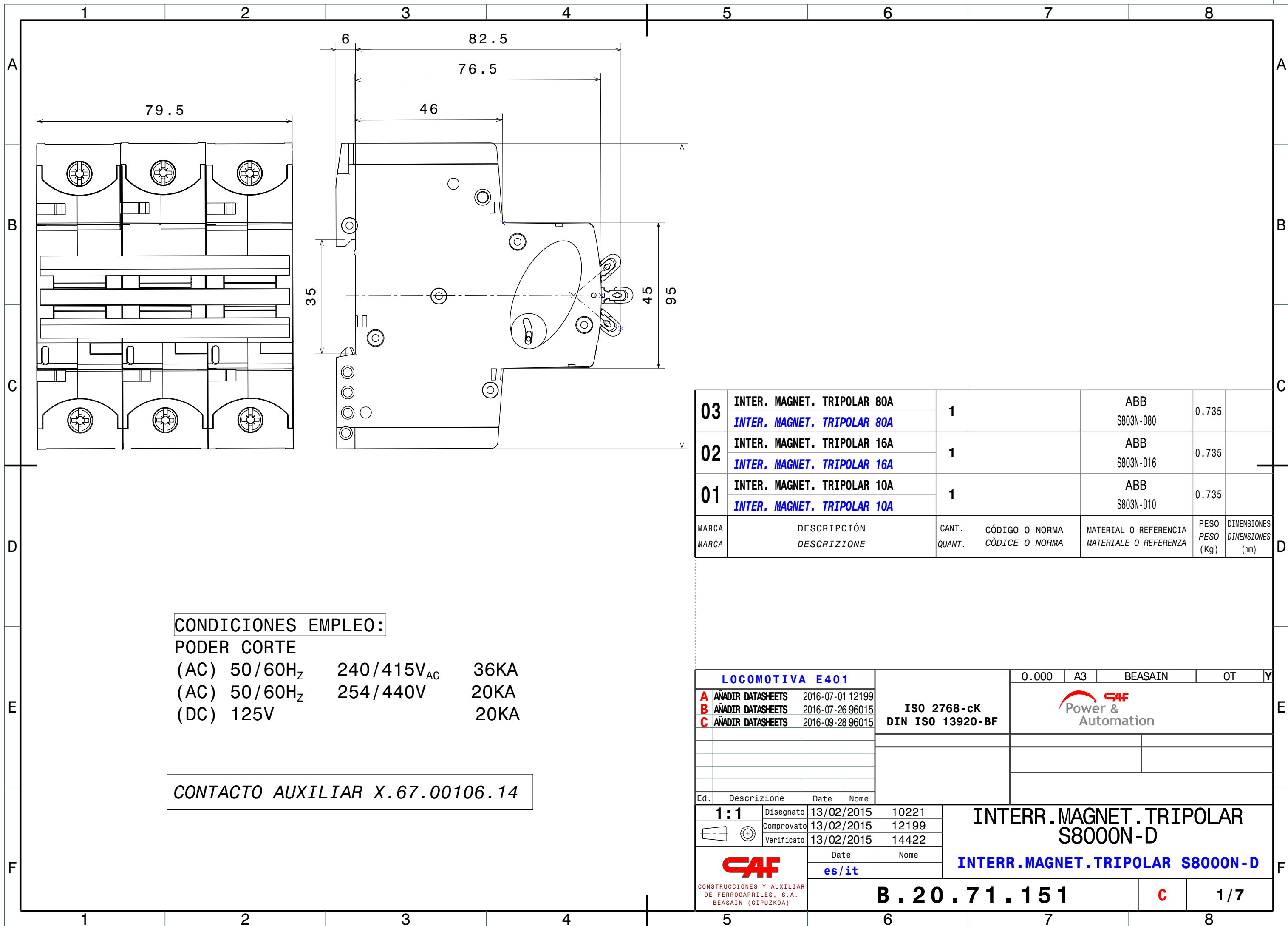


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General Information

Extended Product Type:	S803N-D10
Product ID:	2CCS893001R0101
EAN:	7612271205003
Catalog Description:	S803N-D10 High Performance Circuit Breaker
Long Description:	The S803N-D10 is a 3-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 S803N-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 S803N-D10 more comfortable. Due to the fast arc extinction of S803N-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:	7612271205003

Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.74 kg
Product Net Width:	81 mm

Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	86 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.77 kg
Package Level 1 EAN:	7612271205003
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:	3
Tripping Characteristic:	D
Rated Current (I _n):	10 A
Rated Operational Voltage:	400/690 V AC 375 V DC
Power Loss:	at Rated Operating Conditions per Pole 1.5 W
Rated Insulation Voltage (U _i):	690 V AC
Operational Voltage:	Maximum 230/400 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz

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

Certificates and Declarations (Document Number)

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

Classifications

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



General Information

Extended Product Type:	S803N-D16
Product ID:	2CCS893001R0161
EAN:	7612271205027
Catalog Description:	S803N-D16 High Performance Circuit Breaker
Long Description:	The S803N-D16 is a 3-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 16 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 S803N-D16 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 S803N-D16 more comfortable. Due to the fast arc extinction of S803N-D16 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:	7612271205027

Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.74 kg
Product Net Width:	81 mm

Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	86 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.77 kg
Package Level 1 EAN:	7612271205027
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:	3
Tripping Characteristic:	D
Rated Current (I _n):	16 A
Rated Operational Voltage:	400/690 V AC 375 V DC
Power Loss:	at Rated Operating Conditions per Pole 3.1 W
Rated Insulation Voltage (U _i):	690 V AC
Operational Voltage:	Maximum 230/400 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz

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

Certificates and Declarations (Document Number)

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

Classifications

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



General Information

Extended Product Type:	S803N-D80
Product ID:	2CCS893001R0801
EAN:	7612271205096
Catalog Description:	S803N-D80 High Performance Circuit Breaker
Long Description:	The S803N-D80 is a 3-pole High Performance Circuit breaker with D-Characteristic, with cage terminal and a rated current of 80 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 S803N-D80 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 S803N-D80 more comfortable. Due to the fast arc extinction of S803N-D80 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:	7612271205096

Dimensions

Product Net Depth:	82.5 mm
Product Net Height:	95 mm
Product Net Weight:	0.74 kg
Product Net Width:	81 mm

Container Information

Package Level 1 Width:	105 mm
Package Level 1 Length:	86 mm
Package Level 1 Height:	99 mm
Package Level 1 Gross Weight:	0.77 kg
Package Level 1 EAN:	7612271205096
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:	3
Tripping Characteristic:	D
Rated Current (I_n):	80 A
Rated Operational Voltage:	400/690 V AC 375 V DC
Power Loss:	at Rated Operating Conditions per Pole 6.4 W
Rated Insulation Voltage (U_i):	690 V AC
Operational Voltage:	Maximum 230/400 V AC Minimum 12 V AC
Rated Frequency (f):	50 / 60 Hz (230 / 400 V AC) 20 kA

Rated Short-Circuit Capacity (I_{cn}):

Rated Ultimate Short-Circuit Breaking Capacity (I_{cu}):	(240 / 415 V AC) 36 kA (254 / 440 V AC) 20 kA (400 / 690 V AC) 4.5 kA (125 V DC) 20 kA
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Rated Service Short-Circuit Breaking Capacity (I_{cs}):	(240 / 415 V AC) 30 kA (254 / 440 V AC) 15 kA (400 / 690 V AC) 3 kA (125 V DC) 20 kA
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Energy Limiting Class:	3
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Overvoltage Category:	IV
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Pollution Degree:	3
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Rated Impulse Withstand Voltage (U_{imp}):	8 kV
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Housing Material:	Insulation group I, RAL 7035
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Contact Position Indication:	ON / OFF / TRIP
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Degree of Protection:	acc. to IEC 60529 IP20
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Remarks:	Connection from top and bottom Connecting with CU only IP40 in enclosure with cover Cage terminal with captive screw
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Electrical Endurance:	6000 cycle
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Mechanical Endurance:	4000 cycle
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Terminal Type:	Screw Terminals
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Connecting Capacity:	Stranded 1 ... 50 mm ² Flexible 1 ... 70 mm ²
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Tightening Torque:	3.5 N·m 31 in·lb
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Recommended Screw Driver:	Pozidriv 2
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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
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Mounting Position:	Any
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Standards:	IEC/EN 60947-2 IEC/EN 60898-1
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Certificates and Declarations (Document Number)

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

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