

# CA4-31N



## CA4-31N Auxiliary Contact Block

### General Information

Extended Product Type	CA4-31N
Product ID	1SBN010140R1231
EAN	3471523130258
Catalog Description	CA4-31N Auxiliary Contact Block
Long Description	CA4-31N Auxiliary Contact Block

### Ordering

EAN	3471523130258
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

### Dimensions

Product Net Weight	0.055 kg
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### Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	46 mm
Package Level 1 Height	46 mm
Package Level 1 Depth / Length	46 mm
Package Level 1 Gross Weight	0.055 kg
Package Level 1 EAN	3471523130258
Package Level 2 Units	192 piece
Package Level 2 Gross Weight	10.56 kg
Package Level 3 Units	4608 piece

### Technical UL/CSA

Tightening Torque UL/CSA	Auxiliary Circuit 11 in-lb
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### Additional Information

Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup>
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Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm<sup>2</sup>  
 Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm<sup>2</sup>  
 Rigid 1/2x 1 ... 2.5 mm<sup>2</sup>

Conventional Free-air Thermal Current ( $I_{th}$ )	acc. to IEC 60947-5-1, $q = 40 \text{ }^\circ\text{C}$ 16 A
Maximum Electrical Switching Frequency	AC-15 1200 cycles per hour DC-13 900 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour
Mounted Auxiliary Contacts	3 NO, 1 NC
Mounting Type	Front Mounting
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	3
Order Multiple	1 piece
Product Main Type	Accessories for Block Contactors
Product Name	Auxiliary Contact Block
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Impulse Withstand Voltage ( $U_{imp}$ )	6 kV
Rated Insulation Voltage ( $U_i$ )	acc. to UL/CSA 600 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V
Rated Operational Current AC-15 ( $I_\theta$ )	(220 / 240 V) 4 A (24 / 127 V) 6 A (400 / 440 V) 3 A (500 V) 2 A (690 V) 2 A
Rated Operational Current DC-13 ( $I_\theta$ )	(110 V) 0.55 A / 60 W (220 V) 0.27 A / 60 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.1 A / 60 W (125 V) 0.55 A / 69 W (24 V) 6 A / 144 W (250 V) 0.27 A / 68 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W
Rated Operational Voltage	Auxiliary Circuit 24 ... 690 V
Rated Short-time Withstand Current ( $I_{cw}$ )	for 0.1 s 140 A for 1 s 100 A
RoHS Date	20090609
Suitable For	NF
Terminal Type	Screw Terminals
Tightening Torque	Auxiliary Circuit 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 10 mm

## Certificates and Declarations (Document Number)

ABS Certificate	ABS_15-GE1349500-PDA_90682247
BV Certificate	BV_2634H24900B0
CB Certificate	CB_SE-76635M1
CCC Certificate	CCC_2013010304651497
cUL Certificate	UL_20180227_E252354_3_1
Declaration of Conformity - CE	1SBD250007U1000
DNV Certificate	DNV-GL_TAE00001BV-3
DNV GL Certificate	DNV-GL_TAE00001BV-3
EAC Certificate	EAC_RU C-FR ME77 B01048
Environmental Information	1SBD250143E1000
GL Certificate	DNV-GL_TAE00001BV-3

GOST Certificate	GOST_POCCFR.ME77.B07174.pdf
Instructions and Manuals	1SBC101041M6801
LR Certificate	LRS_1300087E1
RINA Certificate	RINA_ELE084013XG
RMRS Certificate	RMRS_1802703280
RoHS Information	1SBD251010E1000
UL Certificate	UL_20091128-E252354-3-1
UL Listing Card	UL_E252354

## Classifications

ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC002498 - Accessories for low-voltage switch technology
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
Object Classification Code	K
UNSPSC	39121500
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

## Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors Accessories

