



PRODUCT-DETAILS

CA4-01

CA4-01 Auxiliary Contact Block



General Information	
Extended Product Type:	CA4-01
Product ID:	1SBN010110R1001
EAN:	3471523130029
Catalog Description:	CA4-01 Auxiliary Contact Block
Long Description:	CA4-01 is a 1-pole front mounted auxiliary contact block equipped with screw terminals and can be fitted on AF(C)09(Z)(B)...96 contactors and NF(C)(Z)(B) contactor relays. CA4-01 is available with 1 N.C. instantaneous contacts for standard industrial environments.
Display Name:	CA4-01

Ordering	
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85389099

Popular Downloads

Data Sheet, Technical Information:	1SBC100214C0202
Instructions and Manuals:	1SBC101041M6801
Instructions and Manuals (Part 2):	1SAC200017M0002
CAD Dimensional Drawing:	2CDC001079B0201

Dimensions

Product Net Width:	9.9 mm
Product Net Depth / Length:	39.5 mm
Product Net Height:	43 mm
Product Net Weight:	0.014 kg

Technical

Number of Auxiliary Contacts NO:	0
Number of Auxiliary Contacts NC:	1
Number of Poles:	1P
Standards:	IEC/EN 60947-5-1, UL 60335-2-40 LZGH2 A2L, UL 60947-5-1, CSA C22.2 No. 60335-2-40 LZGH2 A2L, CSA C22.2 No. 60947-5-1-14
Rated Operational Voltage:	Auxiliary Circuit 690 V
Rated Frequency (f):	Auxiliary Circuit 50 / 60 Hz
Conventional Free-air Thermal Current (I_{th}):	acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 16 A
Rated Operational Current AC-15 (I_e):	(500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (400 / 440 V) 3 A
Rated Operational Current DC-13 (I_e):	(24 V) 6 A / 144 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (125 V) 0.55 A / 69 W (220 V) 0.27 A / 60 W (250 V) 0.27 A / 68 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.1 A / 60 W
Rated Short-time Withstand Current Low Voltage (I_{cw}):	for 0.1 s 140 A for 1 s 100 A
Rated Insulation Voltage (U_i):	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp}):	6 kV
Maximum Electrical Switching Frequency:	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
Maximum Mechanical Switching Frequency:	3600 cycles per hour

Connecting Capacity Auxiliary Circuit:	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm ²
	Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm ²
	Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm ²
	Rigid Solid 1/2x 1 ... 2.5 mm ²
	Rigid Stranded 1/2x 1 ... 2.5 mm ²
Wire Stripping Length:	Auxiliary Circuit 10 mm
Degree of Protection:	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Tightening Torque:	Auxiliary Circuit 1.2 N·m
Terminal Type:	Screw Terminals

Suitable For:

- AF09
- AF09Z
- AF12
- AF12Z
- AF16
- AF16Z
- AF26
- AF26Z
- AF30
- AF30Z
- AF38
- AF38Z
- AF40
- AF52
- AF65
- AF80
- AF96
- AFC09
- AFC12
- AFC16
- AFC26
- AFC30
- AFC38
- AFC40
- AFC52
- AFC65
- AFC80
- AFC96
- AF09B
- AF09ZB
- AF12B
- AF12ZB
- AF16B
- AF16ZB
- AF26B
- AF26ZB
- AF30B
- AF30ZB
- AF38B
- AF38ZB
- AF40B
- AF52B
- AF65B
- AF80B
- AF96B
- NF22E
- NFZ22E
- NF31E
- NFZ31E
- NF40E
- NFZ40E
- NFC22E
- NFC31E
- NFC40E
- NFZB22E
- NFB22E
- NFZB31E
- NFB31E
- NFZB40E
- NFB40E

Product Name:	Auxiliary Contact Block
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Technical UL/CSA

Connecting Capacity Auxiliary Circuit UL/CSA:	Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG
Tightening Torque UL/CSA:	Auxiliary Circuit 11 in-lb

Material Compliance

Conflict Minerals Reporting Template (CMRT):	9AKK108467A5658
REACH Declaration:	2CMT2021-006202
RoHS Declaration:	2CMT2021-006277
RoHS Information:	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA:	2CMT2023-006525
WEEE B2C / B2B:	Business To Business
WEEE Category:	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

A2L Certificate – UL:	9AKK108469A4897 9AKK108469A4898
ABS Certificate:	ABS_26-0348269-PDA_FR ABS_26-0348269-PDA-DUP_CN
BV Certificate:	BV_2634H24900C1
CB Certificate:	FR-719194
CCC Certificate:	CCC_2024010305656857 CCC_2024010305656311
Declaration of Conformity - CCC:	2020980304001258 2020980304001259 2020980304001053
Declaration of Conformity - CE:	1SBD250007U1000
Declaration of Conformity - UKCA:	1SBD250038U1000
DNV Certificate:	DNV_TAE00001BV-5
LR Certificate:	LRS_LR23403517TA-02
RINA Certificate:	RINA_ELE084013XG
RMRS Certificate:	RMRS_1802703280
UL Certificate:	UL-US-L252354-131-82119002-7 UL-CA-L252354-331-82119002-6
UL Listing Card:	UL_E252354

Container Information

Package Level 1 Units:	bag 1 piece
Package Level 1 Width:	100 mm
Package Level 1 Depth / Length:	100 mm
Package Level 1 Height:	10 mm
Package Level 1 Gross Weight:	0.014 kg
Package Level 1 EAN:	3471523130029
Package Level 2 Units:	box 720 piece
Package Level 2 Gross Weight:	10.08 kg

External Classifications and Standards	
Object Classification Code:	K
ETIM 7:	EC000041 - Auxiliary contact block
ETIM 8:	EC000041 - Auxiliary contact block
ETIM 9:	EC000041 - Auxiliary contact block
eClass:	V11.0 : 27371302
UNSPSC:	39121522
IDEA Granular Category Code (IGCC):	4743 >> Auxiliary contact block
E-Number (Finland):	3706502
E-Number (Sweden):	3211410

Categories

Products > Low Voltage Products and Systems > Control Products > Contactors > Block Contactors

