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.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

Data Sheet, Technical Information	1SBC100214C0202

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Instructions and Manuals	1SBC101041M6801
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
Standards	IEC/EN 60947-5-1, UL 60947-5-1, 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, Θ = 40 °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 Short-time Withstand Current Low Voltage (I_{cw})	for 0.1 s 140 A for 1 s 100 A
Maximum Electrical Switching Frequency	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
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 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 Mechanical Switching Frequency	3600 cycles per hour
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm² Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm² Rigid Solid 1/2x 1 ... 2.5 mm² Rigid Stranded 1/2x 1 ... 2.5 mm²
Wire Stripping Length	Auxiliary Circuit 10 mm
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Terminal Type	Screw Terminals

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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

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

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Material Compliance

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

Certificates and Declarations

ABS Certificate	ABS_20-2060694-PDA
BV Certificate	BV_2634H24900C0
CB Certificate	CB_SE-93052A1
CQC Certificate	CQC2011010304496319 CQC2013010304651497 CQC2019010304264779
Declaration of Conformity - CCC	2020980304001258 2020980304001259 2020980304001053
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000
DNV Certificate	DNV_TAE00001BV-5
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
LR Certificate	LRS_LR23403517TA-02
RINA Certificate	RINA_ELE084013XG
RMRS Certificate	RMRS_1802703280
UL Certificate	UL-US-L252354-131-82119002-6 UL-CA-L252354-331-82119002-5
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
Package Level 3 Units	12960 piece

Classifications

Object Classification Code	K
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block

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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

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



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