PRODUCT-DETAILS

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 is a 4-pole front mounted auxiliary contact block equipped with screw terminals. CA4-..N version offers terminal assortment matching the marking of 4-pole NF(C)(Z)(B) contactor relays. CA4-31N is available with 3 N.O. and 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
Instructions and Manuals	1SBC101041M6801

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CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	43 mm
Product Net Depth / Length	39.5 mm
Product Net Height	43 mm
Product Net Weight	0.055 kg

Technical

Number of Auxiliary Contacts NO	3
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
Suitable For	NF22E NFZ22E NF31E NFZ31E NF40E NFZ40E NFC22E NFC31E NFC40E NFZB22E NFB22E

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	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

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-112440
CQC Certificate	CQC2011010304496319 CQC2013010304651497
Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000
DNV Certificate	DNV_TAE00001BV-5
GOST Certificate	GOST_POCCFR.ME77.B07174.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	box 1 piece
Package Level 1 Width	46 mm
Package Level 1 Depth / Length	46 mm
Package Level 1 Height	46 mm
Package Level 1 Gross Weight	0.055 kg
Package Level 1 EAN	3471523130258
Package Level 2 Units	box 192 piece
Package Level 2 Gross Weight	10.56 kg
Package Level 3 Units	4608 piece

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Classifications

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)	3706523
E-Number (Sweden)	3211425

Categories

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



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