



PRODUCT-DETAILS

CA4-31NRT

CA4-31NRT Auxiliary Contact Block



General Information	
Extended Product Type	CA4-31NRT
Product ID	1SBN010142R1231
EAN	3471523130517
Catalog Description	CA4-31NRT Auxiliary Contact Block
Long Description	CA4-31NRT is a 4-pole front mounted auxiliary contact block equipped with screw terminals for connection with ring tongue ferrules. CA4-..M version offers terminal assortment matching the marking of 4-pole NF(Z)B..RT contactor relays. CA4-31NRT is available with 3 N.O. and 1 N.C. instantaneous contacts for standard industrial environments. Screw terminals for connection with ring tongue ferrules, includes non-detachable screw with conic washer for a fast and secure tightening of cables.
Ordering	
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099
Popular Downloads	
Data Sheet, Technical Information	1SBC100220C0201

Instructions and Manuals	1SBC101035M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	45 mm
Product Net Depth / Length	39.8 mm
Product Net Height	43 mm
Product Net Weight	0.05 kg

Technical

Number of Auxiliary Contacts NO	3
Number of Auxiliary Contacts NC	1
Number of Poles	4P
Standards	IEC/EN 60947-5-1, UL 508, CSA C22.2 No. 14-10
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, $\Theta = 40\text{ }^{\circ}\text{C}$ 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
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	Ring-Tongue Terminals
Suitable For	NFZB22E NFB22E NFZB31E NFB31E NFZB40E NFB40E
Product Name	Auxiliary Contact Block

Technical UL/CSA

Tightening Torque	Auxiliary Circuit 11 in·lb
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UL/CSA

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

CB Certificate	CB_SE-112440
CCC Certificate	CCC_2024010305648906
Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000
UR Certificate	UL_20120924-E252354-4-4

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	0.05 kg
Package Level 1 EAN	3471523130517
Package Level 2 Units	box 0 piece
Package Level 2 Width	0 mm
Package Level 2 Depth / Length	0 mm
Package Level 2 Height	0 mm
Package Level 3 Units	0 piece

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

Categories

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

