

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	The auxiliary contact blocks are used for the operation of auxiliary circuits and control circuits for standard industrial environments. Types of auxiliary contact blocks for front mounting: • CA4 1 or 4-pole block, with instantaneous N.O., N.C. contacts • CC4 1-pole block, with N.O. leading contact or N.C. lagging contact • CAT4 2-pole block, with instantaneous N.O. + N.C. contacts and A1 / A2 coil terminal connection on front face. Select the 4-pole auxiliary contact blocks CA4-..E, CA4-..M, CA4-..U or CA4-..N type, according to the contactor or contactor relay type for compliance with the standard requirements (see "Terminal marking and positioning"). Types of auxiliary contact blocks for side mounting: • CAL4 2-pole block, with instantaneous N.O. + N.C. contacts. For clipping onto the right- and/or left-hand side of the contactors. The auxiliary contact blocks are equipped with screw type connecting terminals delivered open, protected against accidental direct contact and bear the corresponding function marking.
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Ordering

EAN	3471523130517
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Dimensions

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

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

Environmental

RoHS Status	Following EU Directive 2011/65/EU
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Additional Information

Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, $q = 40\text{ °C}$ 16 A
Fire and Smoke Standards	ASTM E 1354 ASTM E 162 ASTM E 662 BSS 7239 EN 45545 (Hazard levels HL2, HL3) NF F 16-101 / NF F 16-102
Maximum Electrical Switching Frequency	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour
Medium Description	CA4-..RT Auxiliary Contact Block is a separate auxiliary block with screws for ring tongue ferrules, for standard industrial environments. This product is a front-mounted instantaneous auxiliary contact block. CA4-..RT is available in 2 or 4-pole (e.g: CA4-31ERT has 3 N.O. and 1 N.C.). The letters RT means that the auxiliary contact block is equipped with IP20 non-detachable screws with conic washers for a fast and secure tightening of cables with ring tongue ferrules, delivered open. The -M, -U, -N and -E versions offer different markings to match the existing marking on the contactor or the contactor relay it is mounted on (see "Terminal marking and positioning" data in the catalogue).
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 IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V
Rated Operational Current AC-15 (I_{θ})	(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_{θ})	(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 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	20171115
Suitable For	NF
Terminal Type	Ring-Tongue Terminals
Tightening Torque	Main Circuit 1.2 N·m

Certificates and Declarations (Document Number)

CB Certificate	CB_SE-93053
CCC Certificate	CCC_2013010304651497
CQC Certificate	CQC2011010304496319 CQC2013010304651497
Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
EAC Certificate	EAC_RU C-FR ME77 B03391
Environmental Information	1SBD250166E1000
Instructions and Manuals	1SBC101035M6801
RoHS Information	1SBD250007U1000

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)
eClass	V11.0 : 27371302

Categories

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

