

PRODUCT-DETAILS

CA4-40EK

CA4-40EK Auxiliary Contact Block



General Information

Extended Product Type	CA4-40EK
Product ID	1SBN010146R1040
EAN	3471523131293
Catalog Description	CA4-40EK 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..K 1 or 4-pole block, with instantaneous N.O., N.C. contacts

Select the 4-pole auxiliary contact blocks CA4..EK, CA4..MK or CA4..NK 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..K 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 push-in spring terminals protected against accidental direct contact and bear the corresponding function marking.

Ordering

E-Number (Finland)	3708042
E-Number (Sweden)	3210650
EAN	3471523131293
Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Dimensions

Product Net Width	43 mm
Product Net Height	45 mm
Product Net Depth / Length	39.5 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	3471523131293

Environmental

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

Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.5 ... 2.5 mm ² Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 mm ² Flexible 1/2x 0.5 ... 2.5 mm ² Rigid 1/2x 1 ... 2.5 mm ²
Conventional Free-air Thermal Current (I_{th})	acc. to IEC 60947-5-1, q = 40 °C 16 A
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP40
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-..K Auxiliary Contact Block is a separate auxiliary block for standard industrial environments. The push-in spring technology is an easy, reliable and fast solution of wiring. This product is a front-mounted instantaneous auxiliary contact block. CA4-..K is available in 1 or 4 pole (e.g: CA4-31E has 3 N.O. and 1 N.C.). The -M, -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).
Mounted Auxiliary Contacts	4 NO, 0 NC
Mounting Type	Front mounting
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	4
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	(500 V) 2 A

AC-15 (I _e)	(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 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	AF09 AF16 AF26 AF30 AF38 AF40 AF52 AF65 AF80 AF96
Terminal Type	Push-in Spring Terminals
Wire Stripping Length	Auxiliary Circuit 10 mm

Certificates and Declarations (Document Number)

CB Certificate	CB_SE-93053
CQC Certificate	CQC2011010304496319 CQC2013010304651497
cUL Certificate	UL_20180227_E252354_3_1
Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
DNV Certificate	DNV-GL_TAE00001BV-3
DNV GL Certificate	DNV-GL_TAE00001BV-3
GL Certificate	DNV-GL_TAE00001BV-3
Instructions and Manuals	1SBC101054M6801
RMRS Certificate	RMRS_1802703280
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

