

PRODUCT-DETAILS

# CAT4-11M

## CAT4-11M Auxiliary Contact / Coil Terminal Block



### General Information

Extended Product Type	CAT4-11M
Product ID	1SBN010151R1111
EAN	3471523130074
Catalog Description	CAT4-11M Auxiliary Contact / Coil Terminal Block

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.

Long Description

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.

### Ordering

E-Number (Sweden)	3211431
EAN	3471523130074
Minimum Order Quantity	1 piece

Customs Tariff Number	85389099
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## Dimensions

Product Net Width	45 mm
Product Net Height	43 mm
Product Net Depth / Length	31.6 mm
Product Net Weight	0.04 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	0.04 kg
Package Level 1 EAN	3471523130074
Package Level 2 Units	box 192 piece
Package Level 2 Gross Weight	7.68 kg
Package Level 3 Units	4608 piece

## Environmental

RoHS Status	Following EU Directive 2011/65/EU
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## Technical UL/CSA

Tightening Torque	Auxiliary Circuit 11 IA
UL/CSA	Control Circuit 11 IA

## Additional Information

Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 Flexible with Insulated Ferrule 2x 0.75 ... 1.5 Flexible with Insulated Ferrule 1x 0.75 ... 2.5 Rigid 1/2x 1 ... 2.5 m <sup>2</sup>
Connecting Capacity Control Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 m <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 2.5 m <sup>2</sup> Flexible with Insulated Ferrule 2x 0.75 ... 1.5 m <sup>2</sup> Rigid 1/2x 1 ... 2.5 m <sup>2</sup>
Conventional Free-air Thermal Current (I <sub>th</sub> )	acc. to IEC 60947-5-1, q = 40 °C 16 A
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	CAT4-11.. Auxiliary Contact / Coil Terminal Block is used for the operation of

auxiliary circuits and control circuits for standard industrial environments. CAT4-11 includes a 2-pole block, with 1 N.O. and 1 N.C. instantaneous contacts and a A1/A2 coil terminal. The auxiliary contact block is equipped with IP20 screw type connecting terminals. The difference between CAT4-..M, CAT4-..E or CAT4-..U type, comes from the marking, to match any kind of terminal marking on AF and NF (see "Terminal marking and positioning" data in the catalogue).

Mounted Auxiliary Contacts	1 NO, 1 NC
Mounting Type	Front mounting
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
Order Multiple	1 piece
Product Main Type	Accessories for Block Contactors
Product Name	Auxiliary Contact and Coil Terminal Block
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Impulse Withstand Voltage ( $U_{imp}$ )	6 kV
Rated Insulation Voltage ( $U_i$ )	acc. to UL/CSA 600 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V
Rated Operational Current AC-15 ( $I_{\theta}$ )	(220 / 240 V) 4 A (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A (400 / 440 V) 3 A
Rated Operational Current DC-13 ( $I_{\theta}$ )	(125 V) 0.55 A / 69 W (24 V) 6 A / 144 W (250 V) 0.27 A / 68 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (220 V) 0.27 A / 60 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 AF12 AF16
Terminal Type	Screw Terminals
Tightening Torque	Auxiliary Circuit 1.2 N·m Control Circuit 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 10 mm Control Circuit 10 mm

## Certificates and Declarations (Document Number)

ABS Certificate	ABS_15-GE1349500-PDA_90682247
BV Certificate	BV_2634H24900B0
CB Certificate	CB_SE-76635M1
CCC Certificate	CCC_2013010304651497
cUL Certificate	UL_20180227_E252354_3_1

Declaration of Conformity - CE	1SBD250007U1000
DNV Certificate	DNV-GL_TAE00001BV-3
DNV GL Certificate	DNV-GL_TAE00001BV-3
EAC Certificate	EAC_RU C-FR ME77 B03391
Environmental Information	1SBD250144E1000
GL Certificate	DNV-GL_TAE00001BV-3
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
Instructions and Manuals	1SBC101041M6801
LR Certificate	LRS_1300087E1
RINA Certificate	RINA_ELE084013XG
RMRS Certificate	RMRS_1802703280
RoHS Information	1SBD250007U1000
UL Certificate	UL_20091128-E252354-3-1
UL Listing Card	UL_E252354

### 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)

### Categories

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

