PRODUCT-DETAILS

CAL4-11

CAL4-11 Auxiliary Contact Block



General Information

Extended Product Type	CAL4-11
Product ID	1SBN010120R1011
EAN	3471523130043
Catalog Description	CAL4-11 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.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099
Product Main Type	Accessories for Block Contactors

Popular Downloads

Instructions and Manuals	1SBC101041M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	12 mm
Product Net Depth / Length	60 mm
Product Net Height	69.4 mm
Product Net Weight	0.04 kg

Technical

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 1/2x 1 ... 2.5 mm²
Maximum Electrical Switching Frequency	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour
Mounted Auxiliary Contacts	1 NO, 1 NC
Mounting Type	Side Mounting
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	1
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 acc. to UL/CSA 600 V
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 Operational Voltage	Auxiliary Circuit 690 V
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 0.1 s 140 A for 1 s 100 A
Suitable For	AF09 AF09Z AF12 AF12Z AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 AF38Z

	AF40 AF52 AF65 AF80 AF96 AFC09 AFC12 AFC16 AFC26 AFC30 AFC38 AFS09 AFS12 AFS16 AFS26 AFS30 AFS38 AFS40 AFS52 AFS65 AFS80 AFS96 AF09B AF09ZB AF12B AF12ZB AF16B AF16ZB AF26B AF26ZB AF30B AF30ZB AF38B AF38ZB NF22E NFZ22E NF31E NFZ31E NF40E NFZ40E NF44E NFZ44E NF53E NFZ53E NF62E NFZ62E NF71E NFZ71E NF80E NFZ80E NF33/11 NF51/11 NFC22E NFC31E NFC40E NFC44E NFC53E NFC62E NFC71E NFC80E NFC33/11 NFC51/11 NFZB22E NFB22E NFZB31E NFB31E NFZB40E NFB40E NFZB44E NFB44E NFZB62E NFB62E NFZB80E NFB80E
Terminal Type	Screw Terminals
Tightening Torque	Auxiliary Circuit 1.2 N·m
Wire Stripping Length	Auxiliary Circuit 10 mm

Technical UL/CSA

Pilot Duty UL/CSA	A600

	Q600
Tightening Torque UL/CSA	Auxiliary Circuit 11 in·lb

Environmental

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 IP20
RoHS Information	2CMT2021-006277
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations (Document Number)

ABS Certificate	ABS_20-2060694-PDA
BV Certificate	BV_2634H24900B0
CB Certificate	CB_SE-93052A1
CQC Certificate	CQC2011010304496319 CQC2019010304264779
Declaration of Conformity - CCC	2020980304001258 2020980304001053
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000
DNV Certificate	DNV-GL_TAE00001BV-3
DNV GL Certificate	DNV-GL_TAE00001BV-3
EAC Certificate	EAC_RU C-FR ME77 B03391
Environmental Information	1SBD250145E1000
GL Certificate	DNV-GL_TAE00001BV-3
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
Instructions and Manuals	1SBC101041M6801
LR Certificate	LRS_1300087E1
REACH Declaration	2CMT2021-006202
RINA Certificate	RINA_ELE084013XG
RMRS Certificate	RMRS_1802703280
RoHS Information	2CMT2021-006277
UL Certificate	UL_20180227_E252354_3_1
UL Listing Card	UL_E252354

Container Information

Package Level 1 Units	bag 1 piece
Package Level 1 Width	125 mm
Package Level 1 Depth / Length	125 mm
Package Level 1 Height	20 mm
Package Level 1 Gross Weight	0.04 kg
Package Level 1 EAN	3471523130043
Package Level 2 Units	box 300 piece
Package Level 2 Gross Weight	12 kg
Package Level 3 Units	5400 piece

Classifications

eClass	V11.0 : 27371302
E-Number (Finland)	3706506
E-Number (Sweden)	3211435
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block
Object Classification Code	K
UNSPSC	39121500

Categories

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

