ABB

—

PRODUCT-DETAILS

CA4X-10
CA4X-10 Auxiliary Contact Block

General Information

Extended Product Type	CA4X-10
Product ID	1SBN011310R1010
EAN	6975486357440
Catalog Description	CA4X-10 Auxiliary Contact Block
Long Description	CA4X-10 is a 1-pole front mounted auxiliary contact block equipped with screw terminals and can be fitted on AFC09...96 contactors and NFC contactor relays. CA4X-10 is available with 1 N.O. instantaneous contacts for standard industrial environments.

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85389099

Popular Downloads

Instructions and Manuals	1SBC101075M6801

Instructions and Manuals (Part 2)	1SAC200017M0002
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	9.9 mm
Product Net Depth / Length	39.5 mm
Product Net Height	43 mm
Product Net Weight	0.014 kg

Technical

Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	0
Standards	UL 60947-5-1, IEC/EN 60947-1, IEC/EN 60947-5-1, GB14048.5
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, Θ = 40 °C 10 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) 2.4 A
Rated Operational Current DC-13 (I_e)	(24 V) 4 A (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 and VDE 0110 (Gr. C) 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
Power Loss	at 6 A per Pole 0.1 W
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
Wire Stripping Length	Auxiliary Circuit 10 mm
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	Screw Terminals
Suitable For	AFC40
	AFC52
	AFC65
	AFC80
	AFC96
	AFC09
	AFC12
	AFC16
	AFC26
	AFC30
	AFC38
	NFC22E
	NFC31E
	NFC40E
Product Name	Auxiliary Contact Block

Technical UL/CSA

Tightening Torque UL/CSA	Auxiliary Circuit 11 in·lb

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Declaration	2CMT2021-006277
RoHS Information	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019
Toxic Substances Control Act - TSCA	2CMT2023-006525
WEEE B2C / B2B	Business To Business
WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)

Certificates and Declarations

BV Certificate	BV_2634H24900C1
CB Certificate	9AKK108468A0204
CCC Certificate	2023980305000009
CCS Certificate	GZ23PTB00147
CQC Certificate	CQC23107372791
Declaration of Conformity - CCC	CQC23107372791
Declaration of Conformity - CE	1SBD250070U1000
DNV Certificate	9AKK108470A6933
RINA Certificate	9AKK108470A5006
UL Certificate	UL-US-2322313-0
	UL-CA-2319450-0

Container Information

Package Level 1 Units	bag 10 piece
Package Level 1 Width	160 mm
Package Level 1 Depth / Length	10 mm

Package Level 1 Height	180 mm
Package Level 1 Gross Weight	0.15 kg
Package Level 1 EAN	3471523024724
Package Level 2 Units	box 200 piece
Package Level 2 Gross Weight	3.2 kg

External Classifications and Standards

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	39121500

Categories

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