



PRODUCT-DETAILS

# CA5-10

## CA5-10 Auxiliary Contact Block



General Information	
Extended Product Type	CA5-10
Product ID	1SBN010010R1010
ABB Type Designation	CA 5-10
EAN	3471522121004
Catalog Description	CA5-10 Auxiliary Contact Block
Long Description	CA5-10 is a 1-pole front mounted auxiliary contact block equipped with screw terminals and can be fitted on A serie contactors and N serie contactor relays. CA5-10 is available with 1 N.O. instantaneous contacts for standard industrial environments.

Ordering	
Minimum Order Quantity	10 piece
Customs Tariff Number	85389099

Popular Downloads	
Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	1SBC101012M5501

Dimensions

Product Net Width	11 mm
Product Net Depth / Length	32.5 mm
Product Net Height	47 mm
Product Net Weight	0.012 kg

Technical

Number of Auxiliary Contacts NO	1
Number of Auxiliary Contacts NC	0
Rated Operational Voltage	Auxiliary Circuit 690 V
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
Rated Operational Current AC-15 (I <sub>e</sub> )	(500 V) 2 A (690 V) 2 A (24 / 127 V) 6 A (220 / 240 V) 4 A (380 / 400 V) 3 A
Short-Circuit Protective Devices	Auxiliary Circuit - gG Type Fuses 10 A
Rated Short-time Withstand Current Low Voltage (I <sub>cw</sub> )	for 0.1 s 140 A for 1 s 100 A
Maximum Electrical Switching Frequency	1200 cycles per hour
Rated Operational Current DC-13 (I <sub>e</sub> )	(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) 0.30 A / 66 W (250 V) 0.3 / 75 W
Rated Insulation Voltage (U <sub>i</sub> )	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Mechanical Durability	10 million 3 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20
Terminal Type	Screw Terminals
Suitable For	AF45 AF50 AF63 AF75 AF95B GAF75 A9 A12 A16 A26 A30 A40 A45 A50 A63 A75 A95 A110 AL9 AL9Z AL12 AL12Z AL16

AL16Z  
AL26  
AL30  
AL40  
AE45  
AE50  
AE63  
AE75  
TAL9  
TAL12  
TAL16  
TAL26  
TAL30  
TAL40  
TAE45  
TAE50  
TAE75  
GA75  
GAE75  
UA16  
UA26  
UA30  
UA50  
UA63  
UA75  
UA95  
UA110  
UA16RA  
UA26RA  
UA30RA  
UA50RA  
UA63RA  
UA75RA  
UA95RA  
UA110RA  
UAF75RA  
UAF95RA  
UAF110RA  
N22E  
N31E  
N40E  
NL22E  
NL22E  
NL31E  
NL31E  
NLZ31E  
NL40E  
NLZ40E  
TNL22E  
TNL31E  
TNL40E

Material Compliance

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

Certificates and Declarations

CB Certificate	CB_SE_30112
CCC Certificate	CCC_2013010304604041 CCC_2004010305133985
CQC Certificate	CQC2013010304604041 CQC2004010305133985
CSA Certificate	CSA_1033838
Declaration of Conformity - CCC	2020980304001626 2020980305001185

Declaration of Conformity - CE	1SBD250809U1000
Declaration of Conformity - UKCA	1SBD250826U1000
DNV GL Certificate	DNV_GL_TAE00001UT
EAC Certificate	EAC_RU C-FR ME77 B03391
GOST Certificate	GOST_POCCFRME77B07175
RINA Certificate	RINA_ELE172319XG001
UL Certificate	UL_071301E48139

Container Information

Package Level 1 Units	bag 10 piece
Package Level 1 Width	65 mm
Package Level 1 Depth / Length	129.5 mm
Package Level 1 Height	9.5 mm
Package Level 1 Gross Weight	0.143 kg
Package Level 1 EAN	3471522121004
Package Level 2 Units	box 1000 piece
Package Level 2 Width	300 mm
Package Level 2 Depth / Length	245 mm
Package Level 2 Height	308 mm
Package Level 2 Gross Weight	14.3 kg
Package Level 3 Units	12000 piece

Classifications

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	39121522
IDEA Granular Category Code (IGCC)	4743 >> Auxiliary contact block
E-Number (Finland)	3709186

Where Used (as a spare part for "Products")

Identifier	Description	Quantity	Unit Of Measure
3HAC020536-014	No Description Available	1	piece

Product specific part data

Product	Robotics Part Category	Robot Design Year
3HAC020536-014	Drive Module	IRC5 M2004

Categories

Low Voltage Products and Systems → Control Products → Contactors → Block Contactors  
Robotics → Controllers → IRC5 → IRC5 Single  
Robotics → Service → Spares and Consumables

