

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 Auxiliary Contact Block

Ordering

Minimum Order Quantity	10 piece
Customs Tariff Number	85389099
Product Main Type	Accessories for Block Contactors

Popular Downloads

Data Sheet, Technical Information	1SBC100122C0202_Ch04
Instructions and Manuals	1SBC101012M5501
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	9.5 mm
Product Net Depth / Length	32.5 mm
Product Net Height	46.8 mm
Product Net Weight	0.143 kg

Technical

Maximum Electrical Switching Frequency	1200 cycles per hour
Maximum Mechanical Switching Frequency	3600 cycles per hour
Mechanical Durability	10 million 3 million
Minimum Switching Capacity	A9 ... A75 17 / 5 VLT4K A95 ... A110 24 / 50 VLT4K
Mounting Position	Front face
Mounting Type	Front mounting
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	1
Power Loss	at Rated Operating Conditions per Pole 0.1 W
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 (380 / 400 V) 3 A
Rated Operational Current DC-13 (I _e)	(24 V) 6 / 144 A (48 V) 2.8 / 134 A (72 V) 1 / 72 A (125 V) 0.55 / 69 A (250 V) 0.3 / 75 A
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
Remarks	100
Short-Circuit Protective Devices	Auxiliary Circuit - gG Type Fuses 10 A
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
- NLZ22E
- NL31E
- NLZ31E
- NL40E
- NLZ40E
- TNL22E
- TNL31E
- TNL40E

Technical Information	AUXILIARY SWITCH BLOCK
Terminal Type	Screw Terminals

Technical UL/CSA

Pilot Duty UL/CSA	A600
	Q300

Environmental

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)

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
Environmental Information	1SBD250132E1001
GOST Certificate	GOST_POCCFRME77B07175
Instructions and Manuals	1SBC101012M5501
REACH Declaration	2CMT2021-006202
RINA Certificate	RINA_ELE172319XG001
RoHS Information	2CMT2021-006277
UL Certificate	UL_071301E48139

Container Information

Package Level 1 Units	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	1.43 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	143 kg
Package Level 3 Units	12000 piece

Classifications

eClass	V11.0 : 27371302
E-Number (Finland)	3709186
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block
Object Classification Code	K
UNSPSC	39120000

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 Accessories

Robotics → Controllers → IRC5 → IRC5 Single

Robotics → Service → Spares and Consumables

