



 PRODUCT-DETAILS

CA5-01

CA5-01 Auxiliary Contact Block



General Information

Extended Product Type	CA5-01
Product ID	1SBN010010R1001
EAN	3471522121011
Catalog Description	CA5-01 Auxiliary Contact Block
Long Description	CA5-01 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. CA5-01 is available with 1 N.C. 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	1SBC101012M5501

Manuals

CAD Dimensional Drawing	2CDC001079B0201
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Dimensions

Product Net Width	11 mm
Product Net Depth / Length	32.5 mm
Product Net Height	47 mm
Product Net Weight	0.014 kg

Technical

Number of Auxiliary Contacts NO	0
Number of Auxiliary Contacts NC	1
Number of Poles	1P
Rated Operational Voltage	Auxiliary Circuit 690 V
Rated Frequency (f)	Auxiliary Circuit 50 / 60 Hz
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 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
Short-Circuit Protective Devices	Auxiliary Circuit - gG Type Fuses 10 A
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 60947-5-1 690 V acc. to UL/CSA 600 V
Maximum Electrical Switching Frequency	1200 cycles per hour
Mechanical Durability	10 million 3 million
Maximum Mechanical Switching Frequency	3600 cycles per hour
Minimum Switching Capacity	A9 ... A75 17 / 5 VLT4K A95 ... A110 24 / 50 VLT4K
Power Loss	at Rated Operating Conditions per Pole 0.1 W
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
NLZ22E
NL31E
NLZ31E
NL40E
NLZ40E
TNL22E
TNL31E
TNL40E

Product Name	Auxiliary Contact Block
Remarks	100

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

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
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	0.14 kg
Package Level 1 EAN	3471522121011

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	39121522
IDEA Granular Category Code (IGCC)	4743 >> Auxiliary contact block
E-Number (Finland)	3709187

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

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

Where Used (as part of "kit")

Identifier	Description	Type
3HAC058432-001	Upgrade set SafeMove 2:nd gen.	Kit
3HAC058432-002	Upgrade set SafeMove 2:nd gen.	Kit
3HAC058432-003	Upgrade set SafeMove 2:nd gen.	Kit
3HAC058432-004	Upgrade set SafeMove 2:nd gen.	Kit

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

Medium Voltage Products and Systems → Service → Spares and Consumables → Parts → All Spare Parts (Relays-SWG-CB)

Robotics → Controllers → IRC5 → IRC5 Single

Robotics → Service → Spares and Consumables

