PRODUCT-DETAILS

CA4-31E

CA4-31E Auxiliary Contact Block



General Information

Extended Product Type	CA4-31E
Product ID	1SBN010140R1031
EAN	3471523130135
Catalog Description	CA4-31E Auxiliary Contact Block
Long Description	CA4-31E is a 4-pole front mounted auxiliary contact block equipped with screw terminals. CA4-..E version offers terminal assortment matching the marking of 3-pole AF26(Z)(B)..96-30-00, AF40..96-30-11, AFC26..38-30-00, 4-pole AF09(Z)(B)..80-40-00 / AFC09..38-40-00 or AF09(Z)(B)..80-22-00 / AFC09..38-22-00 contactors. CA4-31E is available with 3 N.O. and 1 N.C. instantaneous contacts for standard industrial environments.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

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Data Sheet, Technical Information	1SBC100214C0202
Instructions and Manuals	1SBC101041M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	43 mm
Product Net Depth / Length	39.5 mm
Product Net Height	43 mm
Product Net Weight	0.055 kg

Technical

Number of Auxiliary Contacts NO	3
Number of Auxiliary Contacts NC	1
Standards	IEC/EN 60947-5-1, UL 60947-5-1, CSA C22.2 No. 60947-5-1-14
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 16 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) 3 A
Rated Short-time Withstand Current Low Voltage (I_{cw})	for 0.1 s 140 A for 1 s 100 A
Maximum Electrical Switching Frequency	(AC-15) 1200 cycles per hour (DC-13) 900 cycles per hour
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 Insulation Voltage (U_i)	acc. to IEC 60947-5-1 690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U_{imp})	6 kV
Maximum Mechanical Switching Frequency	3600 cycles per hour
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 Solid 1/2x 1 ... 2.5 mm² Rigid Stranded 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

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Terminal Type	Screw Terminals
Suitable For	AF09 AF09Z AF16 AF16Z AF26 AF26Z AF30 AF30Z AF38 AF38Z AF40 AF52 AF65 AF80 AF96 AFC09 AFC16 AFC26 AFC30 AFC38 AF09B AF09ZB AF16B AF16ZB AF26B AF26ZB AF30B AF30ZB AF38B AF38ZB AF40B AF52B AF65B AF80B AF96B

Technical UL/CSA

Connecting Capacity Auxiliary Circuit UL/CSA	Rigid Solid 1/2x 18-14 AWG Rigid Stranded 1/2x 18-14 AWG
Tightening Torque UL/CSA	Auxiliary Circuit 11 in·lb

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

ABS Certificate	ABS_20-2060694-PDA
BV Certificate	BV_2634H24900C0
CB Certificate	CB_SE-112440
CQC Certificate	CQC2011010304496319 CQC2013010304651497

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Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000
DNV Certificate	DNV_TAE00001BV-5
GOST Certificate	GOST_POCCFR.ME77.B07175.pdf
LR Certificate	LRS_LR23403517TA-02
RINA Certificate	RINA_ELE084013XG
RMRS Certificate	RMRS_1802703280
UL Certificate	UL-US-L252354-131-82119002-6 UL-CA-L252354-331-82119002-5
UL Listing Card	UL_E252354

Container Information

Package Level 1 Units	box 1 piece
Package Level 1 Width	46 mm
Package Level 1 Depth / Length	46 mm
Package Level 1 Height	46 mm
Package Level 1 Gross Weight	0.055 kg
Package Level 1 EAN	3471523130135
Package Level 2 Units	box 192 piece
Package Level 2 Gross Weight	10.56 kg
Package Level 3 Units	4608 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)	3706512
E-Number (Sweden)	3211423

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Categories

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



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