PRODUCT-DETAILS

CA4-31EK

CA4-31EK Auxiliary Contact Block



General Information

Extended Product Type	CA4-31EK
Product ID	1SBN010146R1031
EAN	3471523131286
Catalog Description	CA4-31EK Auxiliary Contact Block
Long Description	CA4-31EK is a 4-pole front mounted auxiliary contact block equipped with Push-In Spring 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. CA4-31EK is available with 3 N.O. and 1 N.C. instantaneous contacts for standard industrial environments. With the Push-in Spring terminals, one push is all you need for a faster than ever installation, an easier than ever wiring and a reliable as ever connection.

Ordering

Minimum Order Quantity	1 piece
Customs Tariff Number	85389099

Popular Downloads

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Instructions and Manuals	1SBC101054M6801
CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Product Net Width	43 mm
Product Net Depth / Length	39.5 mm
Product Net Height	45 mm
Product Net Weight	0.05 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 0.5 ... 2.5 mm² Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 mm² Flexible 1/2x 0.5 ... 2.5 mm² Rigid Solid 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
Terminal Type	Push-in Spring Terminals
Suitable For	AF09 AF09Z

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	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

Material Compliance

Conflict Minerals Reporting Template (CMRT)	9AKK108467A5658
REACH Declaration	2CMT2021-006202
RoHS Information	2CMT2021-006277
RoHS Status	Following EU Directive 2011/65/EU
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
CB Certificate	CB_SE-112440
CQC Certificate	CQC2011010304496319 CQC2013010304651497
Declaration of Conformity - CCC	2020980304001258 2020980304001259
Declaration of Conformity - CE	1SBD250007U1000
Declaration of Conformity - UKCA	1SBD250038U1000

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DNV Certificate	DNV_TAE00001BV-5
LR Certificate	LRS_LR23403517TA-02
RMRS Certificate	RMRS_1802703280
UL Certificate	UL-US-L252354-131-82119002-6 UL-CA-L252354-331-82119002-5

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	0.05 kg
Package Level 1 EAN	3471523131286

Classifications

Object Classification Code	K
ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 5	EC002498 - Accessories for low-voltage switch technology
ETIM 6	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
ETIM 8	EC000041 - Auxiliary contact block
eClass	V11.0 : 27371302
UNSPSC	39121522
IDEA Granular Category Code (IGCC)	4743 >> Auxiliary contact block
E-Number (Finland)	3708039
E-Number (Sweden)	3210649

Categories

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

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