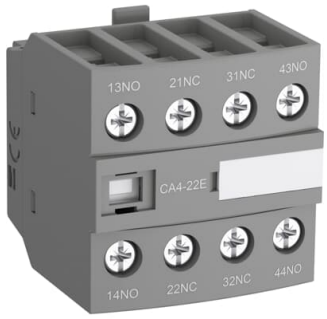


Representative Image

Alternate Catalog No. CA4-31N
Catalog No. 1SBN010140R1231

Description: CA4-31N Auxiliary Contact Block

UPC No 3471523130258

Home > Contactors & Starters > UL Listed IEC Contactors > AF Contactors

The auxiliary contact blocks are used for the operation of auxiliary circuits and control circuits for standard industrial environments. Types of auxiliary contact blocks for front mounting: • CA4 1 or 4-pole block, with instantaneous N.O., N.C. contacts • CC4 1-pole block, with N.O. leading contact or N.C. lagging contact • CAT4 2-pole block, with instantaneous N.O. + N.C. contacts and A1 / A2 coil terminal connection on front face. Select the 4-pole auxiliary contact blocks CA4-..E, CA4-..M, CA4-..U or CA4-..N type, according to the contactor or contactor relay type for compliance with the standard requirements (see "Terminal marking and positioning"). Types of auxiliary contact blocks for side mounting: • CAL4 2-pole block, with instantaneous N.O. + N.C. contacts. For clipping onto the right- and/or left-hand side of the contactors. The auxiliary contact blocks are equipped with screw type connecting terminals delivered open, protected against accidental direct contact and bear the corresponding function marking.

Descriptors

Category	AF Contactors
Block Contactor Type	Aux Contact

Specifications

Product Type	AF
Object Classification Code	K
Terminal Type	Screw Terminals
Number of Auxiliary Contacts NO	3
RoHS Status	Following EU Directive 2011/65/EU
Rated Operational Voltage	Auxiliary Circuit 24 ... 690 V
Number of Auxiliary Contacts NC	1
Tightening Torque UL/CSA	Auxiliary Circuit 11 IA
Conventional Free-air Thermal Current	acc. to IEC 60947-5-1, q = 40 °C 16 A
Rated Operational Current AC-15	(220 / 240 V) 4 A (24 / 127 V) 6 A (500 V) 2 A (690 V) 2 A (400 / 440 V) 3 A
Rated Frequency	Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz
Rated Short-time Withstand Current	for 0.1 s A for 1 s A
Maximum Electrical Switching Frequency	AC-15 1200 cycles per hour DC-13 900 cycles per hour
Rated Insulation Voltage	acc. to UL/CSA 600 V acc. to IEC 60947-5-1 and VDE 0110 (Gr. C) 690 V
Maximum Mechanical Switching Frequency	3600 cycles per hour
Secondary Rated Impulse Withstand Voltage	6 kV

by ABB

Specifications

Rated Operational Current DC-13	(125 V) 0.55 A / 69 W (24 V) 6 A / 144 W (250 V) 0.27 A / 68 W (48 V) 2.8 A / 134 W (72 V) 1 A / 72 W (110 V) 0.55 A / 60 W (220 V) 0.27 A / 60 W (400 V) 0.15 A / 60 W (500 V) 0.13 A / 65 W (600 V) 0.1 A / 60 W
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 m² Flexible with Insulated Ferrule 1x 0.75 ... 2.5/2x 0.75 ... 1.5 m² Rigid 1/2x 1 ... 2.5 m²
Wire Stripping Length	Auxiliary Circuit 10 mm

Classifications

ETIM 4	EC002498 - Accessories for low-voltage switch technology
ETIM 6.0	EC000041 - Auxiliary contact block
ETIM 7	EC000041 - Auxiliary contact block
ETIM 5.0	EC002498 - Accessories for low-voltage switch technology

Dimensions

Product Net Weight	0.055 kg

Package Information

Package Level 1 Width	46 mm
Package Level 1 Depth / Length	46 mm
Package Level 1 EAN	3471523130258
Package Level 1 Units	box 1 piece
Package Level 2 Units	192 piece
Package Level 3 Units	4608 piece
Package Level 2 Gross Weight	10.56 kg

Ordering

Minimum Order Quantity	1