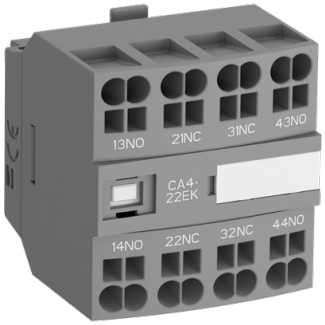


Representative Image

Alternate Catalog No. CA4-31NK
Catalog No. 1SBN010146R1231

Description: CA4-31NK Auxiliary Contact Block

UPC No 3471523131354

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..K 1 or 4-pole block, with instantaneous N.O., N.C. contacts Select the 4-pole auxiliary contact blocks CA4-..EK, CA4-..MK or CA4-..NK 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..K 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 push-in spring terminals 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	Push-in Spring 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
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 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
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
Degree of Protection	acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20

by ABB

Specifications

Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.5 ... 2.5 m² Flexible with Insulated Ferrule 1/2x 0.5 ... 1.5 m² Flexible 1/2x 0.5 ... 2.5 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	0.05kg
Product Net Width	43 mm
Product Net Height	45 mm

Package Information

Package Level 1 EAN	3471523131354
Package Level 1 Units	box 1 piece

Ordering

Minimum Order Quantity	1