

PRODUCT-DETAILS

# CA4-31N

## CA4-31N Auxiliary Contact Block



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | CA4-31N   |
| Code de produit              | 1SBN010140R1231   |
| EAN                          | 3471523130258   |
| Description courte           | CA4-31N Auxiliary Contact Block   |
| Description longue           | CA4-31N is a 4-pole front mounted auxiliary contact block equipped with screw terminals. CA4-..N version offers terminal assortment matching the marking of 4-pole NF(C)(Z)(B) contactor relays. CA4-31N is available with 3 N.O. and 1 N.C. instantaneous contacts for standard industrial environments. |

### Commande

|                   |                                  |
|-------------------|----------------------------------|
| Quantité minimum  | 1 pièce                          |
| Code douanier     | 85389099                         |
| Groupe de produit | Accessories for Block Contactors |

### Downloads Préférés

|                         |                 |
|-------------------------|-----------------|
| Instructions et manuels | 1SBC101041M6801 |
| CAD Dimensional Drawing | 2CDC001079B0201 |

## Dimensions

|                      |          |
|----------------------|----------|
| Produit Largeur Net  | 43 mm    |
| Produit Longueur Net | 39.5 mm  |
| Produit Hauteur Net  | 43 mm    |
| Poids net            | 0.055 kg |

## Technique

|  |  |
|--|--|
| Connecting Capacity<br>Auxiliary Circuit                   | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup><br>Rigid Stranded 1/2x 1 ... 2.5 mm <sup>2</sup> |
| Maximum Electrical<br>Switching Frequency                  | (AC-15) 1200 cycles per hour<br>(DC-13) 900 cycles per hour  |
| Maximum Mechanical<br>Switching Frequency                  | 3600 cycles per hour   |
| Mounted Auxiliary<br>Contacts                              | 3 NO, 1 NC   |
| Type de montage  | Front mounting   |
| Number of Auxiliary<br>Contacts NC                         | 1  |
| Number of Auxiliary<br>Contacts NO                         | 3  |
| Nombre de pôles  | 4  |
| Fréquence assignée (f)                                     | Circuit auxiliaire 50 / 60 Hz  |
| Tension assignée de<br>tenue aux chocs ( $U_{imp}$ )       | 6 kV   |
| Tension assignée d'<br>isolement ( $U_i$ )                 | acc. to IEC 60947-5-1 690 V<br>acc. to UL/CSA 600 V  |
| Courant assignée d'<br>emploi AC-15 ( $I_e$ )              | (500 V) 2 A<br>(690 V) 2 A<br>(24 / 127 V) 6 A<br>(220 / 240 V) 4 A<br>(400 / 440 V) 3 A   |
| Courant assignée d'<br>emploi DC-13 ( $I_e$ )              | (24 V) 6 A / 144 W<br>(48 V) 2.8 A / 134 W<br>(72 V) 1 A / 72 W<br>(110 V) 0.55 A / 60 W<br>(125 V) 0.55 A / 69 W<br>(220 V) 0.27 A / 60 W<br>(250 V) 0.27 A / 68 W<br>(400 V) 0.15 A / 60 W<br>(500 V) 0.13 A / 65 W<br>(600 V) 0.1 A / 60 W  |
| Tension  | Circuit auxiliaire 690 V   |
| Courant assigné de courte<br>durée admissible ( $I_{cw}$ ) | for 0.1 s 140 A<br>for 1 s 100 A   |
| Normes et standards  | IEC/EN 60947-5-1, UL 60947-5-1, CSA C22.2 No. 60947-5-1-14   |
| Adapté pour  | NF22E<br>NFZ22E<br>NF31E<br>NFZ31E   |

NF40E  
 NFZ40E  
 NFC22E  
 NFC31E  
 NFC40E  
 NFZB22E  
 NFB22E  
 NFZB31E  
 NFB31E  
 NFZB40E  
 NFB40E

|                       |                           |
|-----------------------|---------------------------|
| Type de borne         | Screw Terminals           |
| Couple de serrage     | Auxiliary Circuit 1.2 N-m |
| Wire Stripping Length | Auxiliary Circuit 10 mm   |

## Technique UL/CSA

|                             |                               |
|-----------------------------|-------------------------------|
| Connecting Capacity         | Rigid Solid 1/2x 18-14 AWG    |
| Auxiliary Circuit UL/CSA    | Rigid Stranded 1/2x 18-14 AWG |
| Pilot Duty UL/CSA           | A600<br>Q600                  |
| Tightening Torque<br>UL/CSA | Auxiliary Circuit 11 in-lb    |

## Environnement

|  |   |
|--|---|
| Conflict Minerals<br>Reporting Template<br>(CMRT)                | 9AKK108467A5658   |
| Courant thermique<br>conventionnel à l'air libre<br>( $I_{th}$ ) | acc. to IEC 60947-5-1, $\Theta = 40\text{ °C}$ 16 A               |
| Indice de protection   | acc. to IEC 60529, IEC 60947-1, EN 60529 Auxiliary Terminals IP20 |
| REACH Declaration  | 2CMT2021-006202   |
| Informations RoHS  | 2CMT2021-006277   |
| Statut RoHS  | Following EU Directive 2011/65/EU                                 |
| WEEE B2C / B2B   | Business To Business  |
| Catégorie DEEE   | 5. Small Equipment (No External Dimension More Than 50 cm)        |

## Certificats et Déclarations (Numéro de document)

|                                     |  |
|-------------------------------------|--|
| Certificat ABS                      | ABS_20-2060694-PDA                         |
| Certificat BV                       | BV_2634H24900C0                            |
| CB Certificate                      | CB_SE-93053                                |
| CQC Certificate                     | CQC2011010304496319<br>CQC2013010304651497 |
| Declaration of Conformity<br>- CCC  | 2020980304001258<br>2020980304001259       |
| Déclaration de Conformité<br>- CE   | 1SBD250007U1000                            |
| Declaration of Conformity<br>- UKCA | 1SBD250038U1000                            |
| Certificat DNV                      | DNV_TAE00001BV-5                           |

|                 |  |
|-----------------|--|
| EAC Certificate | EAC_RU C-FR ME77 B03391                                      |
| Certificat GOST | GOST_POCCFR.ME77.B07174.pdf                                  |
| Certificat LR   | LRS_LR2002723TA-02   |
| Certificat RINA | RINA_ELE084013XG   |
| Certificat RMRS | RMRS_1802703280  |
| Certificat UL   | UL-US-L252354-131-82119002-6<br>UL-CA-L252354-331-82119002-5 |
| UL Listing Card | UL_E252354   |

## Emballage

|                             |               |
|-----------------------------|---------------|
| Emballage Niveau 1 Unités   | box 1 pièce   |
| Emballage Niveau 1 Largeur  | 46 mm         |
| Emballage Niveau 1 Longueur | 46 mm         |
| Emballage Niveau 1 Hauteur  | 46 mm         |
| Emballage Niveau 1 Poids    | 0.055 kg      |
| Emballage Niveau 1 EAN      | 3471523130258 |
| Emballage Niveau 2 Unités   | box 192 pièce |
| Emballage Niveau 2 Poids    | 10.56 kg      |
| Emballage Niveau 3 Unités   | 4608 pièce    |

## Classifications

|  |                                       |
|--|---------------------------------------|
| eClass                                   | V11.0 : 27371302                      |
| E-Number (Finland)                       | 3706523                               |
| E-Number (Sweden)                        | 3211425                               |
| ETIM 6                                   | EC000041 - bloc de contact auxiliaire |
| ETIM 7                                   | EC000041 - Auxiliary contact block    |
| ETIM 8                                   | EC000041 - Auxiliary contact block    |
| ETIM 9                                   | EC000041 - Auxiliary contact block    |
| Code de catégorie granulaire IDEA (IGCC) | 4743 >> Auxiliary contact block       |
| Code de classification d'objet           | K                                     |
| UNSPSC                                   | 39121522                              |

## Catégories

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs → Block Contactors Accessories

