

PRODUCT-DETAILS

ESB20-20N-07

ESB20-20N-07 Installation Contactor (NO) 20 A - 2 NO - 0 NC - 400 V - Circuit de commande DC



Informations générales

| | |
|------------------------------|--|
| Extension du type de produit | ESB20-20N-07 |
| Code de produit | 1SBE121111R0720 |
| EAN | 3471523007536 |
| Description courte | ESB20-20N-07 Installation Contactor (NO) 20 A - 2 NO - 0 NC - 400 V - Circuit de commande DC |

| | |
|--------------------|---|
| Description longue | <p>The ESB20..N installation contactors are used to control single loads up to 20 A and can be operated by AC or DC.</p> <p>These contactors are made for use in household applications as well as in industrial environments.</p> <p>The following benefits are provided: Hum-free operation, low power consumption and integrated overvoltage protection. Various contact combinations and accessories are available.</p> |
|--------------------|---|

Commande

| | |
|------------------------|---------------|
| Emballage Niveau 1 EAN | 3471523004658 |
| Quantité minimum | 1 pièce |
| Code douanier | 85365080 |

Popular Downloads

| | |
|--|-----------------|
| Fiche produit, informations techniques | 2CDC103051C0201 |
| Instructions et manuels | 2CDC103043M6801 |
| CAD Dimensional Drawing | 2CDC001079B0201 |
| Schéma dimensionnel | 1SBB505186D3001 |

Dimensions

| | |
|----------------------|---------|
| Produit Largeur Net | 18 mm |
| Produit Hauteur Net | 85 mm |
| Produit Longueur Net | 65 mm |
| Poids net | 0.14 kg |

Technique

| | |
|---|--|
| Tension | Circuit principal 220 V DC Circuit principal 250 V AC |
| Rated Control Circuit Voltage (U_c) | 400 V |
| Fréquence assignée (f) | Circuit de commande DC Circuit de commande 50 Hz Circuit de commande 60 Hz Circuit de commande 400 Hz Circuit principal DC Circuit principal 50 Hz Circuit principal 60 Hz |
| Courant assignée d'emploi AC-1 (I_e) | (NO) 20 A |
| Courant assignée d'emploi AC-3 (I_e) | (230 V) Single Phase, NO 9 A |
| Puissance assignée d'emploi AC-1 (P_e) | (230 V) Single Phase, NO 4.6 kW |
| Puissance assignée d'emploi AC-3 (P_e) | (230 V) Single Phase, NO 1.3 kW |
| Rated Operational Current AC-7a (I_e) | (NO) 20 A |
| Rated Operational Power AC-7a (P_e) | (230 V) Single Phase, NO 4.6 kW |
| Rated Operational Current AC-7b (I_e) | (230 V) Single Phase, NO 9 A |
| Rated Operational Power AC-7b (P_e) | (230 V) Single Phase, NO 1.3 kW |
| Recommended Screw Driver | Circuit de commande Pozidriv 1 Circuit principal Pozidriv 1 |
| Tension assignée de tenue aux chocs (U_{imp}) | 6 kV |
| Tension assignée d'isolement (U_i) | 400 V |
| Connecting Capacity Main Circuit | Flexible with Ferrule 1x 1 ... 6 mm ² Flexible with Ferrule 2x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 1x 1 ... 6 mm ² |

| | |
|--|---|
| | Flexible with Insulated Ferrule 2x 1 ... 1.5 mm ² Flexible 1x 1 ... 6 mm ² Flexible 2x 1 ... 4 mm ² Rigid 1x 1 ... 10 mm ² Rigid 2x 1 ... 4 mm ² |
| Connecting Capacity Control Circuit | Flexible with Ferrule 1x 1 ... 2.5 mm ² Flexible with Ferrule 2x 0.75 ... 1.5 mm ² Flexible with Insulated Ferrule 1x 1 ... 2.5 mm ² Flexible with Insulated Ferrule 2x 0.75 ... 1 mm ² Flexible 1x 1 ... 2.5 mm ² Flexible 2x 1 ... 1.5 mm ² Rigid 1x 0.5 ... 4 mm ² Rigid 2x 0.75 ... 2.5 mm ² |
| Couple de serrage | Control Circuit 0.9 N·m Main Circuit 1.2 N·m |
| Wire Stripping Length | Control Circuit 7 mm Main Circuit 10 mm |
| Indice de protection | IP20 |
| Electrical Durability | AC-1 (NO) 150000 cycle AC-3 (NO) 150000 cycle AC-7a (NO) 150000 cycle AC-7b (NO) 150000 cycle |
| Durabilité mecanique | 1000000 cycle |
| Nombre de pôles | 2 |
| Number of Auxiliary Contacts NC | 0 |
| Number of Auxiliary Contacts NO | 0 |
| Number of Main Contacts NC | 0 |
| Number of Main Contacts NO | 2 |
| Width in Number of Modular Spacings | 1 |
| Degré de pollution | 3 |
| Normes et standards | IEC/EN 60947-1 IEC/EN 60947-4-1 UL 60947-1 UL 60947-4-1 IEC/EN 61095 |

Technique UL/CSA

| | |
|---|--|
| Maximum Operating Voltage UL/CSA | Circuit principal 240 V AC |
| Puissance nominale UL/CSA | (220 ... 240 V AC) Single Phase, NO 1 Hp |
| Connecting Capacity Main Circuit UL/CSA | Solid 14-8 AWG Stranded 14-8 AWG |
| Connecting Capacity Control Circuit UL/CSA | Solid 16-10 AWG Stranded 16-10 AWG |
| Tightening Torque UL/CSA | Control Circuit 8 in·lb Main Circuit 11 in·lb |

Environnement

| | |
|---|--|
| Température de l'air ambiant | Operation -25 ... +55 °C Storage -40 ... +80 °C |
| Altitude de fonctionnement maximale autorisée | 2000 m |
| Résistance aux chocs selon CEI 60068-2-27 | 11 ms Pulse 15g |
| Statut RoHS | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |

Certificats et Déclarations (Numéro de document)

| | |
|-------------------------------------|--|
| Certificat ABS | 1SAA920000-0101 |
| CB Certificate | 1SAA920007-2001 |
| CQC Certificate | CQC2018010304057353 CQC2018010304057344 |
| Declaration of Conformity - CCC | 2020980304001370 2020980304001371 |
| Déclaration de Conformité - CE | 1SAD101100-3301 |
| Declaration of Conformity - UKCA | 1SAD201100-3301 |
| Certificat DNV | 1SAA920000-0306 |
| EAC Certificate | 1SAA920003-2701 |
| Certificat NF | 1SAA920002-1201 |
| Certificat RMRS | 1SAA920000-0705 |
| Certificat UL | E191658-19960301 |

Emballage

| | |
|--------------------------------|---------------|
| Emballage Niveau 1 Unités | 1 pièce |
| Emballage Niveau 1 Largeur | 88 mm |
| Emballage Niveau 1 Hauteur | 71 mm |
| Emballage Niveau 1 Longueur | 20 mm |
| Emballage Niveau 1 Poids | 0.14 kg |
| Emballage Niveau 1 EAN | 3471523004658 |

Classifications

| | |
|-----------------------------------|--|
| Code de classification d'objet | Q |
| ETIM 5 | EC001653 - Installation contactor for distribution board |
| ETIM 6 | EC001653 - contacteur d'installation pour montage sur rail |
| ETIM 7 | EC001653 - Installation contactor for distribution board |
| eClass | V11.0 : 27142308 |
| UNSPSC | 39121529 |
| Code de catégorie | 4759 >> Installation contactor for distribution board |

granulaire IDEA (IGCC)

ETIM 8

EC001653 - Installation contactor for distribution board

Accessories

| Identifiant | Description | Type | Quantity | Unit Of Measure |
|-----------------|----------------------------|----------|----------|-----------------|
| 1SAE901901R1011 | EH04-11N Auxiliary Contact | EH04-11N | 1 | piece |
| 1SAE901901M1011 | EH04-11N Auxiliary Contact | EH04-11N | 1 | piece |
| 1SAE901901R1020 | EH04-20N Auxiliary Contact | EH04-20N | 1 | piece |
| 1SAE901901M1020 | EH04-20N Auxiliary Contact | EH04-20N | 1 | piece |

Catégories

Produits basse tension → Appareillage modulaire et parafoudres → Command and Signalling Devices → Contacteurs modulaires

Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs → Contacteurs modulaires

