

PRODUCT-DETAILS

# DRAF12-14P 250-500V50/60HZ

## DRAF12-14P 250-500V50/60HZ Contactor Starter



### Informations générales

|                              |   |
|------------------------------|---|
| Extension du type de produit | DRAF12-14P 250-500V50/60HZ  |
| Code de produit              | 1SBK154037R1400   |
| EAN                          | 3471522144942   |
| Description courte           | DRAF12-14P 250-500V50/60HZ Contactor Starter  |
| Description longue           | <p>The DRAF12-14P is an enclosed Direct-On-Line starter with an AF contactor used for controlling 3-phase asynchronous motors up to 690 V AC. Each starter is delivered assembled and wired. It contains:</p> <ul style="list-style-type: none"> <li>• IP66 and type 4X plastic enclosure with double insulation, equipped with: <ul style="list-style-type: none"> <li>- 1 green flush "I" ON button and 1 red protruding "O" OFF/RESET button</li> </ul> </li> <li>- 4 cable inlets and outlets via knockouts: mm cable inlet/outlet suitable for IEC starter types. <ul style="list-style-type: none"> <li>• 1 AF12-30-10-14 3-pole contactor with holding contact <ul style="list-style-type: none"> <li>• DRAF..P with phase-to-phase control supply: <ul style="list-style-type: none"> <li>AC control supply: 250-500V50/60HZ <ul style="list-style-type: none"> <li>• 1 CB5-10 start contact block</li> <li>• 1 PE and 1 neutral terminal</li> </ul> </li> </ul> </li> </ul> </li> </ul> </li> <li>• TF42 thermal overload relay to be ordered separately and chosen according to motor's nominal current.</li> </ul> |

### Commande

|                   |          |
|-------------------|----------|
| Quantité minimum  | 1 pièce  |
| Code douanier     | 85364900 |
| Groupe de produit | DRAF12   |

## Downloads Préférés

|  |                 |
|--|-----------------|
| Fiche produit, informations techniques | 1SBC100199C0201 |
| Instructions et manuels                | 1SBC101048M6801 |
| CAD Dimensional Drawing                | 2CDC001079B0201 |

## Dimensions

|                      |         |
|----------------------|---------|
| Produit Largeur Net  | 107 mm  |
| Produit Longueur Net | 131 mm  |
| Produit Hauteur Net  | 230 mm  |
| Poids net            | 0.82 kg |

## Technique

|   |  |
|---|--|
| Coil Consumption                                  | Holding at Max. Rated Control Circuit Voltage 60 Hz 250 V-A  |
| Connecting Capacity Auxiliary Circuit             | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 1.5 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> |
| Connecting Capacity Control Circuit               | Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 1.5 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> |
| Connecting Capacity Main Circuit                  | Flexible with Ferrule 1/2x 0.75 ... 6 mm <sup>2</sup><br>Flexible with Insulated Ferrule 1x 0.75 ... 4 mm <sup>2</sup><br>Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm <sup>2</sup><br>Rigid Solid 1/2x 1 ... 4 mm <sup>2</sup><br>Rigid Stranded 1/2x 1 ... 6 mm <sup>2</sup>         |
| Qualité du matériau                               | ABS  |
| Number of Auxiliary Contacts NC                   | 0  |
| Number of Auxiliary Contacts NO                   | 1  |
| Number of Main Contacts NC                        | 0  |
| Number of Main Contacts NO                        | 3  |
| Nombre de pôles                                   | 3  |
| Degré de pollution                                | 3  |
| Rated Control Circuit Voltage (U <sub>c</sub> )   | 50 Hz 250 ... 500 V<br>60 Hz 250 ... 500 V<br>DC Operation 250 ... 500 V   |
| Fréquence assignée (f)                            | Circuit auxiliaire 50 / 60 Hz<br>Circuit de commande 50 / 60 Hz<br>Circuit principal 50 / 60 Hz  |
| Tension assignée d'isolement (U <sub>i</sub> )    | acc. to IEC 60947-4-1 690 V<br>acc. to IEC 60947-5-1 690 V   |
| Courant assignée d'emploi AC-1 (I <sub>e</sub> )  | (690 V) 40 °C 28 A<br>(690 V) 60 °C 28 A<br>(690 V) 70 °C 24 A   |
| Courant assignée d'emploi AC-3 (I <sub>e</sub> )  | (415 V) 60 °C 12 A<br>(440 V) 60 °C 12 A<br>(500 V) 60 °C 12.5 A<br>(690 V) 60 °C 9 A<br>(380 / 400 V) 60 °C 12 A<br>(220 / 230 / 240 V) 60 °C 12 A  |
| Courant assignée d'emploi AC-3e (I <sub>e</sub> ) | (415 V) 60 °C 12 A<br>(440 V) 60 °C 12 A   |

|  |  |
|--|--|
|  | (500 V) 60 °C 12.5 A<br>(690 V) 60 °C 9 A<br>(380 / 400 V) 60 °C 12 A<br>(220 / 230 / 240 V) 60 °C 12 A                  |
| Puissance assignée<br>d'emploi AC-3 (P <sub>e</sub> )  | (415 V) 5.5 kW<br>(440 V) 5.5 kW<br>(500 V) 7.5 kW<br>(690 V) 7.5 kW<br>(380 / 400 V) 5.5 kW<br>(220 / 230 / 240 V) 3 kW |
| Puissance assignée<br>d'emploi AC-3e (P <sub>e</sub> ) | (415 V) 5.5 kW<br>(440 V) 5.5 kW<br>(500 V) 7.5 kW<br>(690 V) 7.5 kW<br>(380 / 400 V) 5.5 kW<br>(220 / 230 / 240 V) 3 kW |
| Type de borne  | Screw Terminals  |

## Technique UL/CSA

|                   |              |
|-------------------|--------------|
| Pilot Duty UL/CSA | A600<br>Q600 |
|-------------------|--------------|

## Environnement

|   |  |
|---|--|
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108467A5658  |
| 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)

|                                     |                          |
|-------------------------------------|--------------------------|
| Déclaration de Conformité<br>- CE   | 1SBD250009U1000          |
| Declaration of Conformity<br>- UKCA | 1SBD250040U1000          |
| Certificat UL                       | UL_20150729-E312527-16-1 |
| UL Listing Card                     | UL_E312527               |

## Emballage

|                                |               |
|--------------------------------|---------------|
| Emballage Niveau 1<br>Unités   | box 1 pièce   |
| Emballage Niveau 1<br>Largeur  | 243 mm        |
| Emballage Niveau 1<br>Longueur | 112 mm        |
| Emballage Niveau 1<br>Hauteur  | 143 mm        |
| Emballage Niveau 1 Poids       | 0.82 kg       |
| Emballage Niveau 1 EAN         | 3471522144942 |

## Classifications

|  |   |
|--|---|
| eClass                                   | V11.0 : 27371205  |
| E-Number (Finland)                       | 3709767   |
| ETIM 6                                   | EC000200 - boîtier pour appareils de commande et de signalisation |
| ETIM 7                                   | EC000200 - Enclosure for control circuit devices                  |
| ETIM 8                                   | EC000200 - Enclosure for control circuit devices                  |
| ETIM 9                                   | EC000200 - Enclosure for control circuit devices                  |
| Code de catégorie granulaire IDEA (IGCC) | 4727 >> Motor starter controls                                    |
| UNSPSC                                   | 39121521  |

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## Catégories

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Produits basse tension → Produits de Contrôle, Protection et sécurité machines → Contacteurs inverseurs → Enclosed Starters

