

PRODUCT-DETAILS

# DRAF12-13N 100-250V50/60HZ

## DRAF12-13N 100-250V50/60HZ Contactor Starter



### Informations générales

Extension du type de produit	DRAF12-13N 100-250V50/60HZ
Code de produit	1SBK154137R1300
EAN	3471522144638
Description courte	DRAF12-13N 100-250V50/60HZ Contactor Starter
Description longue	<p>The DRAF12-13N 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.</li> <li>• 1 AF12-30-10-13 3-pole contactor with holding contact <ul style="list-style-type: none"> <li>• DRAF..N with phase-to-neutral control supply: <ul style="list-style-type: none"> <li>AC control supply: 100-250V50/60HZ <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> <li>• TF42 thermal overload relay to be ordered separately and chosen according to motor's nominal current.</li> </ul> </li></ul>

### Commande

Quantité minimum	1 pièce
Code douanier	85364900

## 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 100 V·A
Connecting Capacity Auxiliary Circuit	Flexible with Ferrule 1/2x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.75 ... 1.5 mm <sup>2</sup> Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup> 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> Flexible with Insulated Ferrule 1x 0.75 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1x 0.75 ... 1.5 mm <sup>2</sup> Rigid Solid 1/2x 1 ... 2.5 mm <sup>2</sup> 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> Flexible with Insulated Ferrule 1x 0.75 ... 4 mm <sup>2</sup> Flexible with Insulated Ferrule 2x 0.75 ... 2.5 mm <sup>2</sup> Rigid Solid 1/2x 1 ... 4 mm <sup>2</sup> 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 100 ... 250 V 60 Hz 100 ... 250 V DC Operation 100 ... 250 V
Fréquence assignée (f)	Circuit auxiliaire 50 / 60 Hz Circuit de commande 50 / 60 Hz Circuit principal 50 / 60 Hz
Tension assignée d'	acc. to IEC 60947-4-1 690 V acc. to IEC 60947-5-1 690 V

isolement (U<sub>i</sub>)

Courant assignée d'emploi AC-1 (I <sub>e</sub> )	(690 V) 40 °C 28 A (690 V) 60 °C 28 A (690 V) 70 °C 24 A
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Courant assignée d'emploi AC-3 (I <sub>e</sub> )	(415 V) 60 °C 12 A (440 V) 60 °C 12 A (500 V) 60 °C 12.5 A (690 V) 60 °C 9 A (380 / 400 V) 60 °C 12 A (220 / 230 / 240 V) 60 °C 12 A
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Courant assignée d'emploi AC-3e (I <sub>e</sub> )	(415 V) 60 °C 12 A (440 V) 60 °C 12 A (500 V) 60 °C 12.5 A (690 V) 60 °C 9 A (380 / 400 V) 60 °C 12 A (220 / 230 / 240 V) 60 °C 12 A
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Puissance assignée d'emploi AC-3 (P <sub>e</sub> )	(415 V) 5.5 kW (440 V) 5.5 kW (500 V) 7.5 kW (690 V) 7.5 kW (380 / 400 V) 5.5 kW (220 / 230 / 240 V) 3 kW
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Puissance assignée d'emploi AC-3e (P <sub>e</sub> )	(415 V) 5.5 kW (440 V) 5.5 kW (500 V) 7.5 kW (690 V) 7.5 kW (380 / 400 V) 5.5 kW (220 / 230 / 240 V) 3 kW
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Type de borne	Screw Terminals
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## Technique UL/CSA

Pilot Duty UL/CSA	A600 Q600
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## Environnement

Conflict Minerals Reporting Template (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 - CE	1SBD250009U1000
Declaration of Conformity - UKCA	1SBD250040U1000
Certificat UL	UL_20150729-E312527-16-1
UL Listing Card	UL_E312527

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## Emballage

Emballage Niveau 1 Unités	box 1 pièce
Emballage Niveau 1 Largeur	243 mm
Emballage Niveau 1 Longueur	112 mm
Emballage Niveau 1 Hauteur	143 mm
Emballage Niveau 1 Poids	0.82 kg
Emballage Niveau 1 EAN	3471522144638

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## Classifications

eClass	V11.0 : 27371205
E-Number (Finland)	3709768
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

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

