PRODUCT-DETAILS

ESB25-40N-06

ESB25-40N-06 Installation Contactor (NO) 25 A - 4 NO - 0 NC - 230 ... 240 V - Circuit de commande 400 Hz



Informations générales

Extension du type de produit	ESB25-40N-06
Code de produit	1SAE231111R0640
EAN	4013614517952
Description courte	ESB25-40N-06 Installation Contactor (NO) 25 A - 4 NO - 0 NC - 230 ... 240 V - Circuit de commande 400 Hz
Description longue	The ESB25..N installation contactors are used to control single and three-phase loads up to 25 A and can be operated by AC or DC. These contactors are made for use in household applications as well as in industrial environments. The following benefits are provided: Hum-free operation, low power consumption and integrated overvoltage protection. Various contact combinations and accessories are available.

Commande

Emballage Niveau 1 EAN	4013614524257
Quantité minimum	1 pièce
Code douanier	85365080

Downloads Préférés

Fiche produit, informations techniques	2CDC103051C0201
Instructions et manuels	2CDC103043M6801

© 2023 ABB. All rights reserved.

Subject to change without notice

CAD Dimensional Drawing	2CDC001079B0201

Dimensions

Produit Largeur Net	36 mm
Produit Hauteur Net	85 mm
Produit Longueur Net	65 mm
Poids net	0.235 kg

Technique

Tension	Circuit principal 220 V DC Circuit principal 400 V AC
Rated Control Circuit Voltage (U_c)	230 ... 240 V
Fréquence assignée (f)	Circuit de commande 400 Hz Circuit de commande 50 Hz Circuit de commande 60 Hz Circuit de commande DC Circuit principal 50 Hz Circuit principal 60 Hz Circuit principal DC
Courant assignée d'emploi AC-1 (I_e)	(NO) 25 A
Courant assignée d'emploi AC-3 (I_e)	(230 V) Single Phase, NO 9 A (400 V) Three Phase, NO 9 A
Puissance assignée d'emploi AC-1 (P_e)	(230 V) Single Phase, NO 5.8 kW (400 V) Three Phase, NO 17.3 kW
Puissance assignée d'emploi AC-3 (P_e)	(230 V) Single Phase, NO 1.3 kW (400 V) Three Phase, NO 4 kW
Rated Operational Current AC-7a (I_e)	(NO) 25 A
Rated Operational Power AC-7a (P_e)	(230 V) Single Phase, NO 5.8 kW (400 V) Three Phase, NO 17.3 kW
Rated Operational Current AC-7b (I_e)	(230 V) Single Phase, NO 9 A (400 V) Three Phase, NO 9 A
Rated Operational Power AC-7b (P_e)	(230 V) Single Phase, NO 1.3 kW (400 V) Three Phase, NO 4 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)	500 V
Connecting Capacity Main Circuit	Flexible with Ferrule 1x 1.5 ... 10 mm² Flexible with Ferrule 2x 1.5 ... 2.5 mm² Flexible with Insulated Ferrule 1x 1.5 ... 10 mm² Flexible with Insulated Ferrule 2x 1.5 mm² Flexible 1x 1.5 ... 10 mm² Flexible 2x 1.5 ... 4 mm² Rigid 1x 1.5 ... 10 mm² Rigid 2x 1.5 ... 4 mm²
Connecting Capacity Control Circuit	Flexible with Ferrule 1x 1 ... 2.5 mm² Flexible with Ferrule 2x 0.75 ... 1 mm² Flexible with Insulated Ferrule 1x 1 ... 2.5 mm² Flexible with Insulated Ferrule 2x 0.75 ... 1 mm² Flexible 1x 1 ... 4.0 mm² Flexible 2x 1 ... 2.5 mm² Rigid 1x 1 ... 4 mm² Rigid 2x 1 ... 2.5 mm²
Couple de serrage	Control Circuit 0.9 N·m

© 2023 ABB. All rights reserved.

	Main Circuit 1 N·m
Wire Stripping Length	Control Circuit 7 mm Main Circuit 10 mm
Indice de protection	IP20
Electrical Durability	AC-1 (NO) 130000 cycle AC-3 (NO) 500000 cycle AC-7a (NO) 130000 cycle AC-7b (NO) 500000 cycle
Durabilite mecanique	1000000 cycle
Nombre de pôles	4
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	0
Number of Main Contacts NC	0
Number of Main Contacts NO	4
Width in Number of Modular Spacings	2
Degré de pollution	3
Normes et standards	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 61095 UL 60947-1 UL 60947-4-1

Technique UL/CSA

Maximum Operating Voltage UL/CSA	Circuit principal 480 V AC
Puissance nominale UL/CSA	(220 ... 240 V AC) Single Phase, NO 1 Hp (220 ... 240 V AC) Three Phase, NO 3 Hp (440 ... 480 V AC) Single Phase, NO 2 Hp (440 ... 480 V AC) Three Phase, NO 5 Hp
Connecting Capacity Main Circuit UL/CSA	Solid 16-8 AWG Stranded 16-8 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 9 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	1SAA920004-2001
CQC Certificate	CQC2017010304993564 CQC2017010304993565
Declaration of Conformity	2020980304001312

© 2023 ABB. All rights reserved.

- CCC	2020980304001314
Déclaration de Conformité - CE	1SAD101100-3301
Declaration of Conformity - UKCA	1SAD201100-3301
Certificat DNV	1SAA920000-0306
EAC Certificate	1SAA920001-2702
Certificat NF	1SAA920001-1202
Certificat RINA	1SAA920000-0801
Certificat RMRS	1SAA920000-0705
Certificat UL	E191658-19960301

Emballage

Emballage Niveau 1 Unités	1 pièce
Emballage Niveau 1 Largeur	92 mm
Emballage Niveau 1 Hauteur	69.5 mm
Emballage Niveau 1 Longueur	39 mm
Emballage Niveau 1 Poids	0.235 kg
Emballage Niveau 1 EAN	4013614524257
Emballage Niveau 2 Unités	48 pièce
Emballage Niveau 2 Largeur	280 mm
Emballage Niveau 2 Hauteur	210 mm
Emballage Niveau 2 Longueur	395 mm
Emballage Niveau 2 Poids	11.8 kg
Emballage Niveau 2 EAN	4013614538650

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 granulaire IDEA (IGCC)	4759 >> Installation contactor for distribution board
E-Number (Finland)	3707571
E-Number (Sweden)	3210561
ETIM 8	EC001653 - Installation contactor for distribution board

Accessories

© 2023 ABB. All rights reserved.

Identifier	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
GHE3201903R0001	ESB-PLK24 Sealing Cover	ESB-PLK24	1	piece
GHE3201902R0001	ESB-DIS Distance Piece	ESB-DIS	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



© 2023 ABB. All rights reserved.