PRODUCT-DETAILS

BC6-30-01-P-2.4-51

BC6-30-01-P-2.4-51 Mini Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins

Informations générales

Extension du type de produit	BC6-30-01-P-2.4-51
Code de produit	GJL1213009R5011
EAN	4013614053405
Description courte	BC6-30-01-P-2.4-51 Mini Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins
Description longue	The BC6-30-01-P mini contactor is a compact 3 pole contactor with 1 auxiliary contact and soldering pins. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors are used in residential buldings, commercial buildings and industrial applications for the control of single or three-phase loads up to 4 kW (AC-3) and 20 A / 690 V (AC-1) or switching of control signals. Due to the low coil consumption, this device can be directly controlled by a PLC. Further features are the noiseless and hum-free coil and a switch position indication.

Commande

Quantité minimum	1 pièce
Code douanier	85365080

Downloads Préférés

Fiche produit, informations techniques	1SBC100214C0202
Instructions et manuels	2CDC102047M6801
CAD Dimensional Drawing	2CDC001079B0201

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Schéma dimensionnel GJL1200438F0001

Dimensions

Produit Largeur Net	47.5 mm
Produit Hauteur Net	45.2 mm
Produit Longueur Net	47.7 mm
Poids net	0.17 kg

Technique

Nombre de pôles	3
Mini Contactor Type	Interface Mini Contactor
Tension	Circuit auxiliaire 690 V AC Circuit auxiliaire 250 V DC Circuit principal 690 V AC Circuit principal 220 V DC
Fréquence assignée (f)	Circuit de commande DC Circuit principal 60 Hz Circuit principal 50 Hz Circuit principal DC
Tension assignée de tenue aux chocs (U_{imp})	Circuit auxiliaire 6 kV Circuit principal 6 kV
Tension assignée d'isolement (U_i)	690 V acc. to UL/CSA 600 V
Number of Main Contacts NC	0
Number of Main Contacts NO	3
Courant assignée d'emploi AC-1 (I_e)	(220 / 240 V) 40 °C 12 A (220 / 240 V) 55 °C 12 A (380 / 440 V) 40 °C 12 A (380 / 440 V) 55 °C 12 A (690 V) 40 °C 6 A (690 V) 55 °C 6 A
Puissance assignée d'emploi AC-3 (P_e)	(230 V) Three Phase 2.2 kW (400 V) Three Phase 4 kW (500 V) Three Phase 4 kW (690 V) Three Phase, NO 3 kW
Courant assigné de courte durée admissible (I_{cw})	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 64 A
Number of Auxiliary Contacts NC	1
Number of Auxiliary Contacts NO	0
Courant assignée d'emploi AC-15 (I_e)	(24 V) 4 A (120 V) 4 A (500 V) 2 A (220 / 240 V) 4 A (380 / 400 V) 3 A
Courant assignée d'emploi DC-13 (I_e)	(24 V) 2.5 A (110 V) 0.7 A (220 / 240 V) 0.4 A
Courant thermique conventionnel à l'air libre (I_{th})	Main Circuit 12 A
Rated Control Circuit Voltage (U_c)	17 ... 32 V DC
Plage d'utilisation de la bobine selon	(acc. to IEC 60947-4-1) for DC supply Uc Min. ... Uc Max. (at θ ≤ 55 °C)
Indice de protection	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20

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	Main Circuit Terminals IP20
Durabilite mecanique	10000000 cycle
Minimum Switching Capacity	Auxiliary Circuit 17 V Auxiliary Circuit 5 mA
Maximum Electrical Switching Frequency	(AC-1) 300 cycles per hour (AC-15) 600 cycles per hour (AC-3) 600 cycles per hour (DC-1) 600 cycles per hour (DC-13) 600 cycles per hour (DC-3) 600 cycles per hour
Montage sur rail DIN	TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
Power Loss	at Rated Operating Conditions AC-1 per Pole 1 W
Normes et standards	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1
Remarques	No CA6 or CAF6 mountable

Technique UL/CSA

Maximum Operating Voltage UL/CSA	Circuit principal 600 V AC
Full Load Amps Motor Use	(115 V AC) Single Phase 5.8 A (200 V AC) Three Phase 4.8 A (220 ... 240 V AC) Three Phase 6.8 A (230 V AC) Single Phase 4.9 A (440 ... 480 V AC) Three Phase 4.8 A (550 ... 600 V AC) Three Phase 1.7 A
Puissance nominale UL/CSA	(115 V AC) Single Phase 0.25 Hp (200 V AC) Three Phase 1 Hp (220 ... 240 V AC) Three Phase 2 Hp (230 V AC) Single Phase 0.5 Hp (440 ... 480 V AC) Three Phase 3 Hp (550 ... 600 V AC) Three Phase 1 Hp
General Use Rating UL/CSA	(300 V AC) 8 A
Contact Rating UL/CSA	A600

Environnement

Température de l'air ambiant	Operation -20 ... +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
Resistance to Vibrations acc. to IEC 60068-2-6	5g / 5 ... 150 Hz
Statut RoHS	Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificats et Déclarations (Numéro de document)

Certificat BV	1SAA920000-0204
CB Certificate	1SAA938000-2002
CQC Certificate	CQC2003010304064033
cURus Certificate	cUL_E191658
Declaration of Conformity - CCC	2020980304001854
Déclaration de Conformité	1SAD101100-3101

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- CE	
Declaration of Conformity - UKCA	1SAD201100-3101
DNV GL Certificate	1SAA938000-0306
EAC Certificate	1SAA920000-2702
KC Certificate	1SAA938000-1501
Certificat LR	1SAA938000-0504
Certificat RMRS	1SAA938000-0704

Emballage

Emballage Niveau 1 Unités	10 pièce
Emballage Niveau 1 Largeur	108 mm
Emballage Niveau 1 Hauteur	69 mm
Emballage Niveau 1 Longueur	247 mm
Emballage Niveau 1 Poids	1.775 kg
Emballage Niveau 1 EAN	4013614415166

Classifications

Code de classification d'objet	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - contacteur de puissance pour commutation de courant alternatif
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003
UNSPSC	39121529
Code de catégorie granulaire IDEA (IGCC)	4763 >> Power contactor, DC switching

Catégories

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

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