

PRODUCT-DETAILS

BC6-30-10-P-2.4-51

BC6-30-10-P-2.4-51 Mini Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins



Informations générales

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| Extension du type de produit | BC6-30-10-P-2.4-51 |
| Code de produit | GJL1213009R5101 |
| EAN | 4013614053412 |
| Description courte | BC6-30-10-P-2.4-51 Mini Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins |
| Description longue | <p>The BC6-30-10-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 buildings, 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.</p> |

Commande

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| Quantité minimum | 1 pièce |
| Code douanier | 85365080 |

Downloads Préférés

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| Fiche produit, informations techniques | 1SBC100214C0202 |
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| Instructions et manuels | 2CDC102047M6801 |
| CAD Dimensional Drawing | 2CDC001079B0201 |
| Schéma dimensionnel | GJL1200438F0001 |

Dimensions

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

Technique

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| 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 50 Hz Circuit principal 60 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 | 0 |
| Number of Auxiliary Contacts NO | 1 |
| 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' | (24 V) 2.5 A (110 V) 0.7 A |

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| emploi DC-13 (I_e) | (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 U_c Min. ... U_c Max. (at $\theta \leq 55$ °C) |
| Indice de protection | Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 Main Circuit Terminals IP20 |
| Durabilité mécanique | 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

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| 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

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| Température de l'air ambiant | Operation -20 ... +55 °C Storage -40 ... +80 °C |
| Altitude de fonctionnement maximale autorisée | 2000 m |

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| 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)

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

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| 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 | 4013614415173 |

Classifications

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| 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 | 4763 >> Power contactor, DC switching |

granulaire IDEA (IGCC)

Catégories

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

