

PRODUCT-DETAILS

KC6-31Z-P-04

KC6-31Z-P-04 Mini Contactor Relay 110-125VDC



Informations générales

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|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extension du type de produit | KC6-31Z-P-04 |
| Code de produit | GJH1213009R0314 |
| EAN | 4013614050183 |
| Description courte | KC6-31Z-P-04 Mini Contactor Relay 110-125VDC |
| Description longue | The KC6-31Z-P mini contactor relay is a compact 4 pole contactor relay with soldering pins. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors relays are used in residential buldings, commercial buildings and industrial applications for switching of control signals up to 3 A / 400 V (AC-15). Further features are the noiseless and hum-free coil and a switch position indication. |

Commande

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|-------------------|----------|
| Quantité minimum | 1 pièce |
| Code douanier | 85365080 |
| Groupe de produit | KC6-P |

Downloads Préférés

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

Dimensions

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|----------------------|---------|
| Produit Largeur Net | 47.5 mm |
| Produit Longueur Net | 51.5 mm |
| Produit Hauteur Net | 45.5 mm |
| Poids net | 0.17 kg |

Technique

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|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Coil Consumption | Average Holding Value DC 3.5 W Average Pull-in Value DC 3.5 W |
| Plage d'utilisation de la bobine selon | (acc. to IEC 60947-5-1) for DC supply 0.85 ... 1.1 x U _c (at $\theta \leq 55^\circ\text{C}$) |
| Maximum Electrical Switching Frequency | (AC-15) 600 cycles per hour (DC-13) 600 cycles per hour |
| Durabilite mecanique | 10000000 cycle |
| Mini Contactor Type | Mini Contactor Relay |
| Minimum Mounting Distance | Other Device Same Type, Horizontal 0 mm |
| Minimum Switching Capacity | 17 V 5 mA |
| Type d'encastrement | 1 ... 6 |
| Type de montage | DIN-Rail PCB |
| 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 |
| Number of Auxiliary Contacts NC | 1 |
| Number of Auxiliary Contacts NO | 3 |
| Number of Main Contacts NC | 0 |
| Number of Main Contacts NO | 0 |
| Nombre de pôles | 4 |
| Power Loss | at Rated Operating Conditions per Pole 0.32 W |
| Rated Control Circuit Voltage (U _c) | 110 ... 125 V DC |
| Fréquence assignée (f) | Circuit auxiliaire 50 Hz Circuit auxiliaire 60 Hz Circuit auxiliaire DC 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 |
| Tension assignée d'isolement (U _i) | 690 V acc. to UL/CSA 600 V |
| Courant assignée d'emploi AC-15 (I _e) | (24 V) 4 A (120 V) 4 A (240 V) 4 A (400 V) 3 A (500 V) 2 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 |
| Tension | Circuit auxiliaire 690 V AC Circuit auxiliaire 250 V DC |

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| Dispositif de protection contre les courts-circuits | gG Type Fuses 6 A |
| Normes et standards | IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 |
| Type de borne | Soldering Pins |

Technique UL/CSA

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|----------------------------------|----------------|
| Contact Rating UL/CSA | A600 |
| General Use Rating UL/CSA | (600 V AC) 5 A |
| Maximum Operating Voltage UL/CSA | 600 V AC |
| Pilot Duty UL/CSA | A600 |

Environnement

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|------------------------------------------------------------|------------------------------------------------------------------------|
| Température de l'air ambiant | Operation -25 ... +55 °C Storage -40 ... +80 °C |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108467A5658 |
| Courant thermique conventionnel à l'air libre (I_{th}) | Auxiliary Circuit 6 A |
| Indice de protection | Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 |
| Altitude de fonctionnement maximale autorisée | 2000 m |
| REACH Declaration | 2CMT2021-006202 |
| Résistance aux chocs selon CEI 60068-2-27 | 11 ms Pulse 15g |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 3g / 3 ... 150 Hz |
| Informations RoHS | 2CMT2021-006277 |
| Statut RoHS | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| WEEE B2C / B2B | Business To Business |
| Catégorie DEEE | 5. Small Equipment (No External Dimension More Than 50 cm) |

Certificats et Déclarations (Numéro de document)

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|----------------------------------|---------------------|
| CB Certificate | 1SAA938001-2001 |
| CQC Certificate | CQC2003010304064035 |
| cURus Certificate | 1SAA938000-1901 |
| Declaration of Conformity - CCC | 2020980304001309 |
| Déclaration de Conformité - CE | 1SAD101100-3101 |
| Declaration of Conformity - UKCA | 1SAD201100-3101 |
| EAC Certificate | 1SAA938001-2701 |
| Certificat RMRS | 1SAA938001-0704 |
| Certificat UL | E48139-19881213 |
| UR Certificate | 1SAA938000-1801 |

Emballage

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|-----------------------------|---------------|
| Emballage Niveau 1 Unités | 10 pièce |
| Emballage Niveau 1 Largeur | 108 mm |
| Emballage Niveau 1 Longueur | 247 mm |
| Emballage Niveau 1 Hauteur | 69 mm |
| Emballage Niveau 1 Poids | 1.775 kg |
| Emballage Niveau 1 EAN | 4013614411656 |

Classifications

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|------------------------------------------|------------------------------------------|
| eClass | V11.0 : 27371001 |
| ETIM 6 | EC000196 - contacteur auxiliaire, relais |
| ETIM 7 | EC000196 - Contactor relay |
| ETIM 8 | EC000196 - Contactor relay |
| ETIM 9 | EC000196 - Contactor relay |
| Code de catégorie granulaire IDEA (IGCC) | 4763 >> Power contactor, DC switching |
| Code de classification d'objet | K |
| UNSPSC | 39121529 |

Catégories

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

