



Representative Image

Alternate Catalog No. K6-22Z-80

Catalog No. GJH1211001R8220

Description: K6-22Z-80 Mini Contactor Relay 220-240V 40-450Hz

UPC No 4013614152610

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The K6-22Z mini contactor relay is a compact 4 pole contactor relay with screw terminals. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors relays are used in residential buildings, commercial buildings and industrial applications for switching of control signals up to 3 A / 400 V (AC-15). Further features are the silent coil, a switch position indication and the integrated possibility for rail or wall mounting.

Descriptors

Category

AF Contactors

Specifications

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| Product Type | Mini Contactors (B6, B7) |
| General Use Rating UL/CSA | (600 V AC) 5 A |
| Object Classification Code | K |
| Terminal Type | Screw Terminals |
| Rated Control Circuit Voltage | 220 ... 240 V AC |
| Number of Main Contacts NO | 0 |
| Connecting Capacity Auxiliary Circuit UL/CSA | Stranded 1/2x 22-10 american wire gauge |
| Number of Main Contacts NC | 0 |
| Maximum Operating Voltage UL/CSA | Auxiliary Circuit 600 V AC / DC |
| Resistance to Vibrations acc. to IEC 60068-2-6 | 3g / 3 ... 150 Hz |
| Number of Auxiliary Contacts NO | 2 |
| RoHS Status | Following EU Directive 2011/65/EU |
| Reference Ambient Air Temperature | Operation -25 ... +55 °C |
| Rated Operational Voltage | Auxiliary Circuit 12 ... 240 V DC Auxiliary Circuit 12 ... 500 V AC / DC Auxiliary Circuit 690 V |
| Number of Auxiliary Contacts NC | 2 |
| Tightening Torque UL/CSA | Auxiliary Circuit 7 in-lb (pound inch) Control Circuit 7 in-lb (pound inch) |
| Maximum Operating Altitude Permissible | 2000 m |
| Standards | IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1 |
| Conventional Free-air Thermal Current | Auxiliary Circuit 6 A (120 V) 4 A (220 / 240 V) 4 A (240 V) 4 A (24 V) 4 A (380 / 400 V) 3 A (500 V) 2 A |
| Rated Operational Current AC-15 | |

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Specifications

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| Rated Frequency | Auxiliary Circuit 50 Hz Auxiliary Circuit 60 Hz Auxiliary Circuit DC Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Main Circuit 60 Hz Main Circuit 50Hz Main Circuit DC |
| Maximum Electrical Switching Frequency | AC-15 600 cycles per hour DC-13 600 cycles per hour |
| Short-Circuit Protective Devices | gG Type Fuses 6 A |
| Rated Insulation Voltage | 690 V acc. to UL/CSA 600 V |
| Mechanical Durability | 10000000 cycle |
| Coil Operating Limits | (acc. to IEC 60947-5-1) for AC supply 0.85 ... 1.1 x Uc (at $\theta \leq 55^\circ$ C) |
| Secondary Rated Impulse Withstand Voltage | Auxiliary Circuit 6 kV (110 V) 0.7 A (220 / 240 V) 0.4 A (24 V) 2.5 A |
| Rated Operational Current DC-13 | |
| Connecting Capacity Control Circuit | Flexible with Ferrule 1/2x 1 ... 2.5 square mm Flexible with Insulated Ferrule 1/2x 1 ... 2.5 square mm Flexible 1/2x 1 ... 2.5 square mm Rigid 1/2x 1 ... 4 square mm |
| Coil Consumption | Average Holding Value 50 Hz 3.5 V - A Average Pull-in Value 50 Hz 3.5 V - A |
| Degree of Protection | Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 1 ... 2.5 square millimetre Flexible with Insulated Ferrule 1/2x 1 ... 2.5 square millimetre Flexible 1/2x 1 ... 2.5 square millimetre Rigid 1/2x 1 ... 4 square millimetre |
| Mounting on DIN Rail | TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715 TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715 |
| Wire Stripping Length | Auxiliary Circuit 9 mm |

Classifications

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| ETIM 4 | EC000196 - Contactor relay |
| ETIM 6.0 | EC000196 - Contactor relay |
| ETIM 7 | EC000196 - Contactor relay |
| ETIM 5.0 | EC000196 - Contactor relay |
| eClass | 7.0 27371001 |

Dimensions

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| Product Net Weight | 0.175 kg |
| Product Net Depth / Length | 46.5 mm |
| Product Net Width | 52.5 mm |
| Product Net Height | 57.5 mm |

Package Information

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|--------------------------------|---------------|
| Package Level 1 Width | 115 mm |
| Package Level 1 Height | 54 mm |
| Package Level 1 Depth / Length | 280 mm |
| Package Level 1 EAN | 4013614410307 |
| Package Level 1 Units | 10 piece |
| Package Level 1 Gross Weight | 1.82 kg |

Ordering

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| Minimum Order Quantity | 1 |
| Customs Tariff Number | 85365080 |