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Representative Image

# Alternate Catalog No. TKC6-22Z-68
# Catalog No. GJH1213061R6228

**Description: TKC6-22Z-68 Mini Contactor Relay 140-260VDC**

**UPC No 4013614309281**

**Home > Contactors & Starters > UL Listed IEC Contactors > AF Contactors**

The TKC6-22Z 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 noiseless and hum-free coil and a a switch position indication.

## Descriptors

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|---|---|
| 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 | 200 V DC |
| Number of Main Contacts NO | 0 |
| 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 -30 ... +70 °C<br>Storage -40 ... +85 °C |
| Rated Operational Voltage | Auxiliary Circuit 12 ... 240 V DC<br>Auxiliary Circuit 12 ... 500 V AC / DC<br>Auxiliary Circuit 690 V |
| Number of Auxiliary Contacts NC | 2 |
| Maximum Operating Altitude Permissible | 2000 m |
| Rated Operational Current AC-1 | (220 / 240 V) 40 °C 20 A<br>(220 / 240 V) 55 °C 16 A<br>(380 / 440 V) 55 °C 16 A |
| Standards | IEC/EN 60947-1<br>IEC/EN 60947-4-1<br>IEC/EN 60947-5-1 |
| Conventional Free-air Thermal Current | Auxiliary Circuit 6 A |
| Rated Operational Current AC-15 | (120 V) 4 A<br>(220 / 240 V) 4 A<br>(240 V) 4 A<br>(24 V) 4 A<br>(380 / 400 V) 3 A<br>(500 V) 2 A |

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## Specifications

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|---|---|
| Rated Frequency | Auxiliary Circuit 50 Hz<br>Auxiliary Circuit 60 Hz<br>Auxiliary Circuit DC<br>Control Circuit DC<br>Main Circuit 60 Hz<br>Main Circuit 50Hz<br>Main Circuit DC |
| Maximum Electrical Switching Frequency | AC-15 600 cycles per hour<br>DC-13 600 cycles per hour |
| Short-Circuit Protective Devices | gG Type Fuses 6 A |
| Rated Insulation Voltage | 690 V<br>acc. to UL/CSA 600 V |
| Mechanical Durability | 10000000 cycle |
| Coil Operating Limits | (acc. to IEC 60947-5-1) for DC supply Uc Min. ... Uc Max. (at θ ≤ 55 °C) |
| Secondary Rated Impulse Withstand Voltage | Auxiliary Circuit 6 kV |
| Rated Operational Current DC-13 | (110 V) 0.7 A<br>(220 / 240 V) 0.4 A<br>(24 V) 2.5 A |
| Connecting Capacity Control Circuit | Flexible with Ferrule 1/2x 1 ... 2.5 square mm<br>Flexible with Insulated Ferrule 1/2x 1 ... 2.5 square mm<br>Flexible 1/2x 1 ... 2.5 square mm<br>Rigid 1/2x 1 ... 4 square mm |
| Coil Consumption | Average Holding Value DC 5 W<br>Average Pull-in Value DC 5 W |
| Degree of Protection | Auxiliary Circuit Terminals IP20<br>Control Circuit Terminals IP20<br>Main Circuit Terminals IP20 |
| Connecting Capacity Auxiliary Circuit | Flexible with Ferrule 1/2x 1 ... 2.5 square millimetre<br>Flexible with Insulated Ferrule 1/2x 1 ... 2.5 square millimetre<br>Flexible 1/2x 1 ... 2.5 square millimetre<br>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<br>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 | 0.18kg |
| 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 | 4013614411977 |
| Package Level 1 Units | 10 piece |
| Package Level 1 Gross Weight | 1.87 kg |

## Ordering

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