

Detailed information for: K6-31Z-F-84

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K6-31Z-F-84

General Information

Extended Product Type: K6-31Z-F-84

Product ID: GJH1211003R8314

EAN: 4013614187803

Catalog Description: K6-31Z-F-84 Mini Contactor Relay 110-127V 40-450Hz

Long Description: The K6-31Z-F mini contactor relay is a compact 4 pole contactor relay with flat pin connection. 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 silent coil, a switch position indication and the integrated possibility for rail or wall mounting.



Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Mini Contactors

Ordering

Minimum Order Quantity: 1 piece

Customs Tariff Number: 85365080

Popular Downloads

Data Sheet, Technical Information: [1SBC100173C0201](#)

Instructions and Manuals: [2CDC102047M6801](#)

Dimension Diagram: [GJL1200437F0001](#)

Dimensions

Product Net Width: 52.5 mm

Product Net Height:	57.5 mm
Product Net Depth / Length:	46.5 mm
Product Net Weight:	0.17 kg
Technical	
Number of Poles:	4
Mini Contactor Type:	Mini Contactor Relay
Rated Operational Voltage:	Auxiliary Circuit 12 ... 240 V DC Auxiliary Circuit 12 ... 500 V AC/DC Auxiliary Circuit 690 V
Rated Frequency (f):	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 50 Hz Main Circuit DC
Rated Impulse Withstand Voltage (U_{imp}):	Auxiliary Circuit 6 kV
Rated Insulation Voltage (U_i):	690 V acc. to UL/CSA 600 V
Number of Main Contacts NC:	0
Number of Main Contacts NO:	0
Number of Auxiliary Contacts NC:	1
Number of Auxiliary Contacts NO:	3
Rated Operational Current AC-15 (I_e):	(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 DC-13 (I_e):	(110 V) 0.7 A (220 / 240 V) 0.4 A (24 V) 2.5 A
Conventional Free-air Thermal Current (I_{th}):	Auxiliary Circuit 6 A
Rated Control Circuit Voltage (U_c):	110 ... 127 V AC
Coil Operating Limits:	(acc. to IEC 60947-5-1) for AC supply 0.85 ... 1.1 x U _c (at θ ≤ 55 °C)
Degree of Protection:	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20
Mechanical Durability:	10000000 cycle
Minimum Switching Capacity:	17 V 5 mA
Maximum Electrical Switching Frequency:	AC-15 600 cycles per hour DC-13 600 cycles per hour
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
Power Loss:	at Rated Operating Conditions per Pole 2 W
Standards:	IEC/EN 60947-1

IEC/EN 60947-4-1
IEC/EN 60947-5-1
UL 60947-1
UL 60947-4-1

Environmental

Ambient Air Temperature: Operation -25 ... +55 °C
Storage -40 ... +80 °C

Maximum Operating Altitude Permissible: 2000 m

Resistance to Shock acc. to IEC 60068-2-27: 11 ms Pulse 15g

Resistance to Vibrations acc. to IEC 60068-2-6: 3g / 3 ... 150 Hz

RoHS Status: Following EU Directive 2011/65/EU

Technical UL/CSA

Maximum Operating Voltage UL/CSA: Auxiliary Circuit 600 V AC/DC

General Use Rating UL/CSA: (600 V AC) 5 A

Contact Rating UL/CSA: A600

Certificates and Declarations (Document Number)

CB Certificate: [1SAA938001-2001](#)

CCC Certificate: [1SAA938000-3804](#)

cUL Certificate: [cUL_E48139](#)

cUR Certificate: [1SAA938000-1901](#)

Declaration of Conformity - CE: [1SAD938512-0001](#)

EAC Certificate: [1SAA938001-2701](#)

Environmental Information: [1SAA938002-2401](#)

Instructions and Manuals: [2CDC102047M6801](#)

RMRS Certificate: [1SAA938001-0704](#)

RoHS Information: [1SAD938512-0001](#)

UL Certificate: [UL_E48139](#)

UR Certificate: [1SAA938000-1801](#)

Container Information

Package Level 1 Units: 10 piece

Package Level 1 Width: 115 mm

Package Level 1 Height: 54 mm

Package Level 1 Depth / Length: 280 mm

Package Level 1 Gross Weight: 1.77 kg

Package Level 1 EAN: 4013614410567

Classifications

Object Classification Code: K

ETIM 4: EC000196 - Contactor relay

ETIM 5: EC000196 - Contactor relay

ETIM 6: EC000196 - Contactor relay

ETIM 7:

EC000196 - Contactor relay

eClass:

7.0 27371001

UNSPSC:

39121500

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