

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

General Information

Extended Product Type:	KC6-40E-P-2.4-51
Product ID:	GJH1213009R5401
EAN:	4013614050251
Catalog Description:	KC6-40E-P-2.4-51 Mini Contactor Relay 17-32VDC, 2.4W
Long Description:	The KC6-40E-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 buildings, commercial buildings and industrial applications for switching of control signals up to 3 A / 400 V (AC-15). 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.

Ordering

Minimum Order Quantity:	1 piece
Customs Tariff Number:	85365080

Popular Downloads

Data Sheet, Technical Information:	1SBC100173C0201
Instructions and Manuals:	2CDC102047M6801
Dimension Diagram:	GJL1200438F0001

Dimensions

Product Net Width:	47.5 mm
Product Net Height:	45.5 mm
Product Net Depth:	51.5 mm
Product Net Weight:	0.17 kg

Technical

Number of Poles:	4
Mini Contactor Type:	Interface 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 DC 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:	0
Number of Auxiliary Contacts NO:	4
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):	17 ... 32 V DC
Coil Operating Limits:	(acc. to IEC 60947-4-1) for DC supply U _c Min. ... U _c Max. (at $\theta \leq 55\text{ °C}$) (acc. to IEC 60947-5-1) for DC supply 0.85 ... 1.1 x U _c (at $\theta \leq 55\text{ °C}$)
Degree of Protection:	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 Main 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
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Remarks:	No CA6 or CAF6 mountable
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Environmental

Ambient Air Temperature:	Operation -25 ... +55 °C Storage -40 ... +80 °C
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Maximum Operating Altitude Permissible:	2000 m
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Resistance to Shock acc. to IEC 60068-2-27:	11 ms Pulse 15g
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Resistance to Vibrations acc. to IEC 60068-2-6:	3g / 3 ... 150 Hz
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RoHS Status:	Following EU Directive 2011/65/EU
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Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Auxiliary Circuit 600 V AC/DC
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General Use Rating UL/CSA:	(600 V AC) 5 A
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Contact Rating UL/CSA:	A600
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Certificates and Declarations (Document Number)

CB Certificate:	1SAA938001-2001
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CCC Certificate:	1SAA938000-3804
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cUR Certificate:	1SAA938000-1901
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Declaration of Conformity - CE:	1SAD938512-0001
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EAC Certificate:	1SAA938001-2701
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Instructions and Manuals:	2CDC102047M6801
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RMRS Certificate:	1SAA938001-0704
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RoHS Information:	1SAD938512-0001
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UR Certificate:	1SAA938000-1801
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Container Information

Package Level 1 Units:	10 piece
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Package Level 1 Width:	108 mm
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Package Level 1 Height:	69 mm
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Package Level 1 Length:	247 mm
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Package Level 1 Gross Weight:	1.775 kg
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Package Level 1 EAN:

4013614411779

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

