

PRODUCT-DETAILS

K6-40E-01

K6-40E-01 Mini Contactor Relay 24V 40-450Hz



Información General

Tipo de producto extendido	K6-40E-01
Código de producto	GJH1211001R0401
EAN	4013614049071
Descripción corta	K6-40E-01 Mini Contactor Relay 24V 40-450Hz
Descripción larga	The K6-40E 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.

Technical

Standards	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1
Rated Operational Voltage	Auxiliary Circuit 690 V AC Auxiliary Circuit 250 V DC
Rated Insulation Voltage (U _i)	690 V acc. to UL/CSA 600 V
Rated Impulse Withstand Voltage (U _{imp})	Auxiliary Circuit 6 kV
Rated Control Circuit Voltage (U _c)	24 V AC

Rated Operational Current AC-15 (I _e)	(24 V) 4 A (120 V) 4 A (240 V) 4 A (400 V) 3 A (500 V) 2 A
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
Minimum Switching Capacity	17 V 5 mA
Power Loss	at Rated Operating Conditions per Pole 0.32 W
Short-Circuit Protective Devices	gG Type Fuses 6 A
Mechanical Durability	10000000 cycle
Number of Poles	4
Number of Main Contacts NC	0
Number of Main Contacts NO	0
Number of Auxiliary Contacts NC	0
Number of Auxiliary Contacts NO	4
Low Coil Consumption	No
Tightening Torque	Auxiliary Circuit 0.8 ... 1.1 N·m Control Circuit 0.8 ... 1.1 N·m
Mini Contactor Type	Mini Contactor Relay
Mounting Type	DIN-Rail Screw
Mounting on DIN Rail	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
Mounting Position	1 ... 6
Coil Consumption	Average Holding Value 50 Hz 3.5 V·A Average Pull-in Value 50 Hz 3.5 V·A
Wire Stripping Length	Auxiliary Circuit 9 mm
Terminal Type	Screw Terminals

Ambiente

Temperatura ambiente	Funcionamiento -25 ... +55 °C Almacenamiento -40 ... +80 °C
Grado de protección	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20
Maximum Operating Altitude Permissible	2000 m
Resistance to Vibrations acc. to IEC 60068-2-6	3g / 3 ... 150 Hz
Resistance to Shock acc. to IEC 60068-2-27	11 ms Pulse 15g
RoHS Status	Following EU Directive 2011/65/EU
Environmental Information	1SAC200069H0009

Technical UL/CSA

Maximum Operating Voltage UL/CSA	600 V AC
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General Use Rating UL/CSA	(600 V AC) 5 A
Connecting Capacity Auxiliary Circuit UL/CSA	Stranded 1/2x 22-10 AWG
Contact Rating UL/CSA	A600
Tightening Torque UL/CSA	Auxiliary Circuit 7 in-lb Control Circuit 7 in-lb
Pilot Duty UL/CSA	A600

Dimensiones

Ancho del product	52.5 mm
Alto del producto	57.5 mm
Largo del product	46.5 mm
Peso del product	0.175 kg

Información de Embalaje

Embalaje Nivel 1 Unidades	10 piece
Embalaje Nivel 1 Ancho	115 mm
Embalaje Nivel 1 Alto	54 mm
Embalaje Nivel 1 Largo	280 mm
Embalaje Nivel 1 Peso	1.82 kg
Embalaje Nivel 1 EAN	4013614410178

Clasificación

Cantidad mínima de pedido	1 piece
Código arancelario	85365080
E-Number (Finland)	3709125

Certificados y Declaraciones (Número de Documento)

CB Certificate	1SAA938001-2001
CQC Certificate	CQC2003010304064035
cULus Certificate	cUL_E48139
Declaration of Conformity - CCC	2020980304001309
Declaración de conformidad - CE	1SAD938517-0001
Declaration of Conformity - UKCA	1SAD938501-1001
EAC Certificate	1SAA938001-2701
Environmental Information	1SAC200069H0009
Instrucciones y manuales	2CDC102047M6801
RMRS Certificate	1SAA938001-0704
RoHS Information	1SAD938517-0001
UL Certificate	UL_E48139

Descargas Populares

Ficha técnica, información técnica	1SBC100214C0202
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Instrucciones y
manuales

2CDC102047M6801

Dimension Diagram

GJL1200436F0001

Clasificaciones

ETIM 7	EC000196 - Contactor relay
ETIM 8	EC000196 - Contactor relay
EPLAN Catalog Tree	Electrical engineering / Relays, contactors / Contactors
EPLAN Function Definition	Coil / Coil, 2 connection points / Coil for power contactor A1_A2 NO contact / NO contact, 2 connection points / NO auxiliary contact 43_44 NO contact / NO contact, 2 connection points / NO auxiliary contact 33_34 NO contact / NO contact, 2 connection points / NO auxiliary contact 23_24 NO contact / NO contact, 2 connection points / NO auxiliary contact 13_14
Categoría RAEE	5. Small Equipment (No External Dimension More Than 50 cm)
WEEE B2C / B2B	Business To Business
CN8	8536 50 80
UNSPSC	39121500
eClass	V11.0 : 27371001
Object Classification Code	K

Categorías

Productos y sistemas de baja tensión → Aparatos de control → Contactores → Mini Contactor Relays

