



**Automatización Eléctrica**

Especialistas en Automatización

At the end of this document you will find links to products related to this catalog. You can go directly to our shop by clicking [HERE](#)

## General Information

<b>Extended Product Type:</b>	B6-30-10-P-01
<b>Product ID:</b>	GJL1211009R0101
<b>EAN:</b>	4013614051623
<b>Catalog Description:</b>	B6-30-10-P-01 Mini Contactor 24V 40-450Hz
<b>Long Description:</b>	The B6-30-10-P mini contactor is a compact 3 pole contactor with 1 auxiliary contact and soldering pins. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors are used in residential buildings, commercial buildings and industrial applications for the control of single or three-phase loads up to 4 kW (AC-3) and 20 A / 690 V (AC-1) or switching of control signals. Further features are the silent coil, a switch position indication and the integrated possibility for rail mounting.

## Categories

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

## Ordering

<b>EAN:</b>	4013614051623
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85365080

## Dimensions

<b>Product Net Width:</b>	47.5 mm
<b>Product Net Height:</b>	45.5 mm
<b>Product Net Depth:</b>	51.5 mm
<b>Product Net Weight:</b>	0.17 kg

## Container Information

<b>Package Level 1 Units:</b>	10 piece
<b>Package Level 1 Width:</b>	108 mm
<b>Package Level 1 Height:</b>	69 mm
<b>Package Level 1 Length:</b>	247 mm
<b>Package Level 1 Gross Weight:</b>	1.775 kg
<b>Package Level 1 EAN:</b>	4013614412967

## Technical

<b>Number of Poles:</b>	4
<b>Mini Contactor Type:</b>	Mini Contactor
<b>Rated Operational Voltage:</b>	Auxiliary Circuit 12 ... 240 V DC Auxiliary Circuit 12 ... 500 V AC/DC Main Circuit 12 ... 690 V AC/DC Main Circuit 690 V AC
<b>Rated Frequency (f):</b>	Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
<b>Rated Impulse Withstand Voltage (U<sub>imp</sub>):</b>	Auxiliary Circuit 6 kV Main Circuit 6 kV
<b>Rated Insulation Voltage (U<sub>i</sub>):</b>	690 V acc. to UL/CSA 600 V
<b>Number of Main Contacts NC:</b>	0
<b>Number of Main Contacts NO:</b>	3
<b>Rated Operational Current AC-1 (I<sub>e</sub>):</b>	(220 / 240 V) 40 °C 12 A (220 / 240 V) 55 °C 12 A (380 / 440 V) 40 °C 12 A (380 / 440 V) 55 °C 12 A (690 V) 40 °C 6 A (690 V) 55 °C 6 A
<b>Rated Operational Power AC-3 (P<sub>e</sub>):</b>	(220 / 230 / 240 V) 2.2 kW (400 V) 4 kW (400 V) Three Phase 4 kW (440 V) 4 kW (500 V) 4 kW (690 V) 3 kW
<b>Rated Short-time Withstand Current</b>	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 64 A

(I<sub>cw</sub>):

Number of Auxiliary Contacts NC:	0
Number of Auxiliary Contacts NO:	1
Rated Operational Current AC-15 (I <sub>e</sub> ):	(120 V) 4 A (220 / 240 V) 4 A (24 V) 4 A (380 / 400 V) 3 A (500 V) 2 A
Rated Operational Current DC-13 (I <sub>e</sub> ):	(110 V) 0.7 A (220 / 240 V) 0.4 A (24 V) 2.5 A
Conventional Free-air Thermal Current (I <sub>th</sub> ):	Main Circuit 12 A
Rated Control Circuit Voltage (U <sub>c</sub> ):	24 V AC
Coil Operating Limits:	(acc. to IEC 60947-4-1) for AC supply 0.85 ... 1.1 x U <sub>c</sub> (at $\theta \leq 55^\circ\text{C}$ )
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-1 300 cycles per hour AC-15 600 cycles per hour AC-3 600 cycles per hour DC-1 600 cycles per hour DC-13 600 cycles per hour DC-3 600 cycles per hour
Wire Stripping Length:	Auxiliary Circuit 9 mm Main Circuit 9 mm
Tightening Torque:	Auxiliary Circuit 0.8 ... 1.1 N·m Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
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:	5g / 5 ... 150 Hz
RoHS Status:	Following EU Directive 2002/95/EC August 18, 2005 and amendment

## Technical UL/CSA

Maximum Operating Voltage UL/CSA:	Main Circuit 600 V AC Auxiliary Circuit 600 V AC
Full Load Amps Motor Use:	(240 V AC) Single Phase 4.9 A (440 ... 480 V AC) Three Phase 4.8 A
Horsepower Rating UL/CSA:	(208 V AC) Three Phase 1 Hp (220 ... 240 V AC) Single Phase 0.5 Hp (220 ... 240 V AC) Three Phase 2 Hp (440 ... 480 V AC) Three Phase 3 Hp (550 ... 600 V AC) Three Phase 1 Hp
General Use Rating UL/CSA:	(300 V AC) 8 A
Tightening Torque UL/CSA:	Auxiliary Circuit 7 in·lb Control Circuit 7 in·lb Main Circuit 7 in·lb

## Certificates and Declarations (Document Number)

BV Certificate:	1SAA938000-0203
CB Certificate:	1SAA938000-2002
CCC Certificate:	1SAA938001-3804
cUL Certificate:	1SAA938003-1701

Declaration of Conformity - CE:	1SAD938510-0001
DNV Certificate:	1SAA938000-0305
EAC Certificate:	1SAA920000-2702
GL Certificate:	1SAA938000-0403
LR Certificate:	1SAA938000-0504
RMRS Certificate:	1SAA938000-0703
RoHS Information:	1SAA938001-4402
UL Certificate:	1SAA938000-1604

Classifications

Object Classification Code:	Q
eClass:	7.0 27371003
ETIM 4:	EC000066 - Magnet contactor, AC-switching
ETIM 5:	EC000066 - Magnet contactor, AC-switching
UNSPSC:	39121529

Accessories

3 Products				Filter	<input type="text"/>
Identifier	Type	Description	Qty	Unit Of Measure	
<a href="#">GJL1201319R0002</a>	CA6-11E-P	CA6-11E-P Auxiliary Contact	1	piece	
<a href="#">GJL1201319R0003</a>	CA6-11M-P	CA6-11M-P Auxiliary Contact	1	piece	
<a href="#">GJL1201319R0004</a>	CA6-11N-P	CA6-11N-P Auxiliary Contact	1	piece	





**Automatización Eléctrica**  
Especialistas en Automatización

Below is a list of articles with direct links to our shop Electric Automation Network where you can see:

- Quote per purchase volume in real time.
- Online documentation and datasheets of all products.
- Estimated delivery time enquiry in real time.
- Logistics systems for the shipment of materials almost anywhere in the world.
- Purchasing management, order record and tracking of shipments.

To access the product, [click on the green button.](#)

Product	Code	Reference	Product link
B6-30-10-P-01 Mini Contactor 24V 40-450Hz	GJL1211009R0101	B6-30-10-P	<a href="#">Buy on EAN</a>