

PRODUCT-DETAILS

# B6-30-10-80

## B6-30-10-80 Mini Contactor 220-240V 40-450Hz



### Algemene informatie

Type	B6-30-10-80
Artikelnummer	GJL1211001R8100
EAN	4013614150647
Omschrijving	B6-30-10-80 Mini Contactor 220-240V 40-450Hz
Omschrijving	The B6-30-10 mini contactor is a compact 3 pole contactor with 1 auxiliary contact and screw terminals. They are ideally suited for applications where reliability is a must and space is at a premium. Mini contactors are used in residential buldings, 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 or wall mounting.

### Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

### Popular Downloads

Gegevensblad, technische informatie	1SBC100214C0202
Instructies en handleidingen	2CDC102047M6801
Dimensiediagram	GJL1200436F0001

## Dimensions

Product netto breedte	52.5 mm
Product netto hoogte	57.5 mm
Product netto diepte	46.7 mm
Product netto gewicht	0.175 kg

## Technical

Aantal polen	3
Type minicontactor	Mini Contactor
Nominaal bedrijfsvoltage	Auxiliary Circuit 690 V AC Auxiliary Circuit 250 V DC Main Circuit 690 V AC Main Circuit 220 V DC
Toegekende frequentie (f)	Control Circuit 400 Hz Control Circuit 50 Hz Control Circuit 60 Hz Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
Nominale impuls grensvoltage ( $U_{imp}$ )	Auxiliary Circuit 6 kV Main Circuit 6 kV
Nominaal isolatievoltage ( $U_i$ )	690 V acc. to UL/CSA 600 V
Aantal hoofdcontacten NC	0
Aantal hoofdcontacten NO	3
Nominale bedrijfsstroom AC-1 ( $I_e$ )	(220 / 240 V) 40 °C 20 A (220 / 240 V) 55 °C 16 A (380 / 440 V) 40 °C 20 A (380 / 440 V) 55 °C 16 A (690 V) 40 °C 6 A (690 V) 55 °C 6 A
Nominale bedrijfsvermogen AC-3 (P <sub>e</sub> )	(230 V) Three Phase 2.2 kW (400 V) Three Phase 4 kW (500 V) Three Phase 4 kW (690 V) Three Phase, NO 3 kW
Nominale kortstondige grensstroom ( $I_{cw}$ )	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 64 A
Aantal hulpcontacten NC	0
Aantal hulpcontacten NO	1
Nominale bedrijfsstroom AC-15 ( $I_e$ )	(24 V) 4 A (120 V) 4 A (500 V) 2 A (220 / 240 V) 4 A (380 / 400 V) 3 A
Nominale bedrijfsstroom DC-13 ( $I_e$ )	(24 V) 2.5 A (110 V) 0.7 A (220 / 240 V) 0.4 A
Conventionele vrije-lucht thermische stroom ( $I_{th}$ )	Main Circuit 20 A
Nominale stuurstroomkringspanning ( $U_c$ )	220 ... 240 V AC
Spoel operationele limieten	(acc. to IEC 60947-4-1) for AC supply 0.85 ... 1.1 x $U_c$ (at $\theta \leq 55$ °C)
Beschermingsgraad	Auxiliary Circuit Terminals IP20 Control Circuit Terminals IP20 Main Circuit Terminals IP20
Mechanische duurzaamheid	10000000 cycle
Minimale schakelcapaciteit	Auxiliary Circuit 17 V Auxiliary Circuit 5 mA
Maximale elektrische	(AC-1) 300 omwentelingen per uur

schakelfrequentie	(AC-15) 600 omwentelingen per uur (AC-3) 600 omwentelingen per uur (DC-1) 600 omwentelingen per uur (DC-13) 600 omwentelingen per uur (DC-3) 600 omwentelingen per uur
Verbindingscapaciteit hoofdcircuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Verbindingscapaciteit hulpcircuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Verbindingscapaciteit controlecircuit	Flexible with Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible with Insulated Ferrule 1/2x 1 ... 2.5 mm <sup>2</sup> Flexible 1/2x 1 ... 2.5 mm <sup>2</sup> Rigid 1/2x 1 ... 4 mm <sup>2</sup>
Kabelstriplengte	Auxiliary Circuit 9 mm Main Circuit 9 mm
Aanhaalmoment	Auxiliary Circuit 0.8 ... 1.1 N·m Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
Montage op 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
Vermogensverlies	at Rated Operating Conditions per Pole 2 W at Rated Operating Conditions AC-1 per Pole 1 W
Normen	IEC/EN 60947-1 IEC/EN 60947-4-1 IEC/EN 60947-5-1 UL 60947-1 UL 60947-4-1

## Technical UL/CSA

Maximale bedrijfsspanning UL/CSA	Main Circuit 600 V AC
Vollast amps motorgebruik	(115 V AC) Single Phase 5.8 A (200 V AC) Three Phase 4.8 A (220 ... 240 V AC) Three Phase 6.8 A (230 V AC) Single Phase 4.9 A (440 ... 480 V AC) Three Phase 4.8 A (550 ... 600 V AC) Three Phase 1.7 A
Paardenkrachtklasse UL/CSA	(115 V AC) Single Phase 0.25 Hp (200 V AC) Three Phase 1 Hp (220 ... 240 V AC) Three Phase 2 Hp (230 V AC) Single Phase 0.5 Hp (440 ... 480 V AC) Three Phase 3 Hp (550 ... 600 V AC) Three Phase 1 Hp
Algemeen gebruik klasse UL/CSA	(300 V AC) 12 A
Contactklasse UL/CSA	A600
Verbindingscapaciteit hoofdcircuit UL/CSA	Stranded 1/2x 22-10 AWG
Verbindingscapaciteit hulpcircuit UL/CSA	Stranded 1/2x 22-10 AWG
Aanhaalmoment UL/CSA	Auxiliary Circuit 7 in-lb Control Circuit 7 in-lb Main Circuit 7 in-lb

## Environmental

Omgevingsluchttemperatuur	Operation -25 ... +55 °C Storage -40 ... +80 °C
Maximale werkhoogte toegestaan	2000 m
Schokweerstand volgens IEC 60068-2-27	11 ms Pulse 15g
Weerstand tegen trillingen	5g / 5 ... 150 Hz

volgens IEC 60068-2-6

RoHS-status

Following EU Directive 2011/65/EU

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**Certificates and Declarations (Document Number)**


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BV-certificaat	1SAA920000-0204
CB-certificaat	1SAA938000-2002
CQC-certificaat	CQC2003010304064033
cULus-certificaat	cUL_E191658
Declaration of Conformity - CCC	2020980304001854
Conformiteitsverklaring - CE	1SAD938517-0001
Declaration of Conformity - UKCA	1SAD938501-1001
DNV GL-certificaat	1SAA938000-0306
EAC-certificaat	1SAA920000-2702
Milieu-informatie	1SAC200067H0009
Instructies en handleidingen	2CDC102047M6801
KC-certificaat	1SAA938000-1501
LR-certificaat	1SAA938000-0504
RMRS-certificaat	1SAA938000-0704
RoHS-informatie	1SAD938517-0001

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**Container Information**


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Pakketniveau 1 Units	box 10 stuk
Pakketniveau 1 Breedte	115 mm
Pakketniveau 1 Hoogte	54 mm
Pakketniveau 1 Lengte	280 mm
Pakketniveau 1 Brutogewicht	1.82 kg
Pakketniveau 1 EAN	4013614412677

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**Classifications**


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Object classificatiecode	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000066 - Magnet contactor, AC-switching
ETIM 6	EC000066 - Magneetschakelaar
ETIM 7	EC000066 - Power contactor, AC switching
ETIM 8	EC000066 - Power contactor, AC switching
eClass	V11.0 : 27371003
UNSPSC	39121529
E-Number (Finland)	3709109
E-Number (Sweden)	3210024

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**Accessories**

Identifier	Description	Type	Quantity	Unit Of Measure
GJL1201317R0002	CA6-11E Auxiliary Contact	CA6-11E	1	piece
GJL1201317R0003	CA6-11M Auxiliary Contact	CA6-11M	1	piece
GJL1201317R0004	CA6-11N Auxiliary Contact	CA6-11N	1	piece
GJL1201330R0003	CAF6-11M Auxiliary Contact	CAF6-11M	1	piece
GJL1201330R0006	CAF6-20E Auxiliary Contact	CAF6-20E	1	piece
GJL1201330R0011	CAF6-02M Auxiliary Contact	CAF6-02M	1	piece
GJL1201330R0007	CAF6-20M Auxiliary Contact	CAF6-20M	1	piece
GJL1201330R0012	CAF6-02N Auxiliary Contact	CAF6-02N	1	piece
GJL1201330R0008	CAF6-20N Auxiliary Contact	CAF6-20N	1	piece
GJL1201330R0002	CAF6-11E Auxiliary Contact	CAF6-11E	1	piece
GJL1201330R0004	CAF6-11N Auxiliary Contact	CAF6-11N	1	piece
GJL1201330R0010	CAF6-02E Auxiliary Contact	CAF6-02E	1	piece
GJL1201906R0001	LT6-B Cover Cap	LT6-B	1	piece
GJL1201907R0001	LP6 Connecting Link	LP6	1	piece
GJL1201904R0001	BN6 Plunger	BN6	1	piece

### Waar gebruikt (als een reserveonderdeel voor "Producten")

Identifier	Description	Quantity	Unit Of Measure
9AAC30400163	No Description Available	1	piece
9AAC30400421	No Description Available	1	piece
9AAC30403877	No Description Available	1	piece
9AAC30404896	No Description Available	1	piece
9AAF404899	No Description Available	1	piece
9AAF404900	No Description Available	1	piece
9AAF407277	No Description Available	1	piece
9AAF408067	No Description Available	1	piece

### Productspecifieke deelgegevens

Product	Category	Schakelapparatuur onderdeelcategorie
9AAC30400163	SafePlus up to 24kV	Auxiliary Contactor Motor
9AAC30400421	SafeRing up to 24kV	Auxiliary Contactor Motor
9AAC30403877	SafeRing 36-40,5kV	Auxiliary Contactor Motor
9AAC30404896	SafePlus 36-40,5kV	Auxiliary Contactor Motor
9AAF404899	SafeRing Air up to 12kV	Auxiliary Contactor Motor
9AAF404900	SafePlus Air up to 12kV	Auxiliary Contactor Motor
9AAF407277	SafeRing AirPlus up to 24kV	Auxiliary Contactor Motor
9AAF408067	SafePlus AirPlus up to 24kV	Auxiliary Contactor Motor

### Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Minischakelaars

Middenspanningsproducten → Schakelapparatuur en motorbeveiliging → Gas Insulated Secondary Switchgear (ecoGIS) → SafePlus (ecoGIS) → SafePlus Air up to 12kV

Middenspanningsproducten → Schakelapparatuur en motorbeveiliging → Gas Insulated Secondary Switchgear (ecoGIS) → SafePlus (ecoGIS) → SafePlus AirPlus up to 24kV

Middenspanningsproducten → Schakelapparatuur en motorbeveiliging → Gas Insulated Secondary Switchgear (ecoGIS) → SafeRing (ecoGIS) → SafeRing Air up to 12kV

Middenspanningsproducten → Schakelapparatuur en motorbeveiliging → Gas Insulated Secondary Switchgear (ecoGIS) → SafeRing (ecoGIS) → SafeRing AirPlus up to 24kV

Middenspanningsproducten → Schakelapparatuur en motorbeveiliging → Secundaire schakelinrichtingen → SafePlus → SafePlus 36-40,5kV

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