

PRODUCT-DETAILS

B6-30-10-F-02

B6-30-10-F-02 Mini Contactor 42 V AC - 3 NO - 0 NC - Flat-Pin Connections



Algemene informatie

Type	B6-30-10-F-02
Artikelnummer	GJL1211003R0102
EAN	4013614051456
Omschrijving	B6-30-10-F-02 Mini Contactor 42 V AC - 3 NO - 0 NC - Flat-Pin Connections
Omschrijving	The B6-30-10-F mini contactor is a compact 3 pole contactor with 1 auxiliary contact and flat pin connection. 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 or wall mounting.

Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

Popular Downloads

Gegevensblad, technische informatie	1SBC100214C0202
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Instructies en handleidingen	2CDC102047M6801
Dimensiediagram	GJL1200437F0001

Dimensions

Product netto breedte	52.5 mm
Product netto hoogte	57.5 mm
Product netto diepte	46.7 mm
Product netto gewicht	0.17 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 50 Hz Main Circuit 60 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_e)	(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	Main Circuit 20 A

thermische stroom (I_{th})	
Nominale stroomkringspanning (U_c)	42 V AC
Spoel operationele limieten	(acc. to IEC 60947-4-1) for AC supply 0.85 ... 1.1 x U_c (at $\theta \leq 55^\circ\text{C}$)
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 schakelfrequentie	(AC-1) 300 omwentelingen per uur (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
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

Environmental

Omgevingsluchttemperatuur	Werking -25 ... +55 °C Opslag -40 ... +80 °C
Maximale werkhoogte toegestaan	2000 m
Schokweerstand volgens IEC 60068-2-27	11 ms Pulse 15g

Weerstand tegen trillingen
volgens IEC 60068-2-6

5g / 5 ... 150 Hz

RoHS-status

Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019

Certificates and Declarations

BV-certificaat	1SAA920000-0204
CB-certificaat	1SAA938000-2002
CQC-certificaat	CQC2003010304064033
cURus-certificaat	cUL_E191658
Declaration of Conformity - CCC	2020980304001854
Conformiteitsverklaring - CE	1SAD101100-3101
Declaration of Conformity - UKCA	1SAD201100-3101
DNV GL-certificaat	1SAA938000-0306
EAC-certificaat	1SAA920000-2702
KC-certificaat	1SAA938000-1501
LR-certificaat	1SAA938000-0504
RMRS-certificaat	1SAA938000-0704
UL-certificaat	E191658-19880915

Container Information

Pakketniveau 1 Units	10 stuk
Pakketniveau 1 Breedte	115 mm
Pakketniveau 1 Hoogte	54 mm
Pakketniveau 1 Lengte	280 mm
Pakketniveau 1 Brutogewicht	1.77 kg
Pakketniveau 1 EAN	4013614412813

Classifications

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 - Magneetschakelaar
eClass	V11.0 : 27371003
UNSPSC	39121529

Accessories

Identifier	Description	Type	Quantity	Unit Of Measure
GJL1201318R0004	CA6-11N-F Auxiliary Contact	CA6-11N-F	1	piece
GJL1201318R0003	CA6-11M-F Auxiliary Contact	CA6-11M-F	1	piece
GJL1201318R0002	CA6-11E-F Auxiliary Contact	CA6-11E-F	1	piece

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Minischakelaars

