

PRODUCT-DETAILS

BC7-30-01-F-16

BC7-30-01-F-16 Mini Contactor 48 V DC - 3 NO - 0 NC - Flat-Pin Connections



Algemene informatie

Type	BC7-30-01-F-16
Artikelnummer	GJL1313003R1016
EAN	4013614217173
Omschrijving	BC7-30-01-F-16 Mini Contactor 48 V DC - 3 NO - 0 NC - Flat-Pin Connections
Omschrijving	The BC7-30-01-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 5.5 kW (AC-3) and 20 A / 690 V (AC-1) or switching of control signals. Further features are the noiseless and hum-free coil, a switch position indication and the integrated possibility for rail or wall mounting.

Ordering

Minimale bestelhoeveelheid	1 stuk
Numerus douanetarief	85365080

Popular Downloads

Gegevensblad, technische	1SBC100214C0202
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informatie

Instructies en handleidingen	2CDC102047M6801
CAD Dimensional Drawing	2CDC001079B0201
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 DC 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_e)	(230 V) Three Phase 3 kW (400 V) Three Phase 5.5 kW (500 V) Three Phase 5.5 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 96 A
Aantal hulpcontacten NC	1
Aantal hulpcontacten NO	0
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)	48 V DC
Spoel operationele limieten	(acc. to IEC 60947-4-1) for DC 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 1.4 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 13.8 A (200 V AC) Three Phase 7.8 A (220 ... 240 V AC) Three Phase 9.6 A (230 V AC) Single Phase 10 A (440 ... 480 V AC) Three Phase 7.6 A (550 ... 600 V AC) Three Phase 6.1 A
Paardenkrachtklasse UL/CSA	(115 V AC) Single Phase 0.75 Hp (200 V AC) Three Phase 2 Hp (220 ... 240 V AC) Three Phase 3 Hp (230 V AC) Single Phase 1.5 Hp (440 ... 480 V AC) Three Phase 5 Hp (550 ... 600 V AC) Three Phase 5 Hp
Algemeen gebruik klasse UL/CSA	(600 V AC) 16 A
Contactklasse UL/CSA	A600

Environmental

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

IEC 60068-2-27

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	4013614418549

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

