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PRODUCT-DETAILS

# BC7-40-00-04

## BC7-40-00-04 Mini Contactor 110 ... 125 V DC - 4 NO - 0 NC - Schroef




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### Algemene informatie

Type	BC7-40-00-04
Artikelnummer	GJL1313201R0004
EAN	4013614226038
Omschrijving	BC7-40-00-04 Mini Contactor 110 ... 125 V DC - 4 NO - 0 NC - Schroef
Omschrijving	The BC7-40-00 mini contactor is a compact 4 pole contactor with 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 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.

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### Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

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### Popular Downloads

Gegevensblad, technische informatie	1SBC100214C0202
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Instructies en handleidingen	2CDC102047M6801
CAD Dimensional Drawing	2CDC001079B0201
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	4
Type minicontactor	Mini Contactor
Nominaal bedrijfsvoltage	Main Circuit 690 V AC Main Circuit 220 V DC
Toegekende frequentie (f)	Control Circuit DC Main Circuit 50 Hz Main Circuit 60 Hz Main Circuit DC
Nominale impuls grensvoltage ( $U_{imp}$ )	Main Circuit 6 kV
Nominaal isolatievoltage ( $U_i$ )	690 V acc. to UL/CSA 600 V
Aantal hoofdcontacten NC	0
Aantal hoofdcontacten NO	4
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	0
Aantal hulpcontacten NO	0
Conventionele vrije-lucht thermische stroom ( $I_{th}$ )	Main Circuit 20 A
Nominale stuurstroomkringspanning ( $U_c$ )	110 ... 125 V DC
Spoel operationele limieten	(acc. to IEC 60947-4-1) for DC supply 0.85 ... 1.1 x $U_c$ (at $\theta \leq 55$ °C)
Beschermingsgraad	Control Circuit Terminals IP20 Main Circuit Terminals IP20

Mechanische duurzaamheid	10000000 cycle
Maximale elektrische schakelfrequentie	(AC-1) 300 omwentelingen per uur (AC-3) 600 omwentelingen per uur (DC-1) 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 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	Main Circuit 9 mm
Aanhaalmoment	Control Circuit 0.8 ... 1.1 N·m Main Circuit 0.8 ... 1.1 N·m
Aanbevolen schroevendraaier	M3 Pozidriv 1
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 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
Verbindingscapaciteit hoofdcircuit UL/CSA	Stranded 1/2x 22-10 AWG
Aanhaalmoment UL/CSA	Control Circuit 7 in-lb Main Circuit 7 in-lb

## Environmental

Omgevingsluchttemperatu ur	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
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	E191658-19881208

## Container Information

Pakketniveau 1 Units	10 stuk
Pakketniveau 1 Breedte	115 mm
Pakketniveau 1 Hoogte	54 mm
Pakketniveau 1 Lengte	280 mm
Pakketniveau 1 Bruto gewicht	1.82 kg
Pakketniveau 1 EAN	4013614418891

## 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
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
GJL1201904R0001	BN6 Plunger	BN6	1	piece

## Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Minischakelaars

