

PRODUCT-DETAILS

# VB7A-30-10-F-80

## VB7A-30-10-F-80 Mini Reversing Contactor 220 ... 240 V AC - 3 NO - 0 NC - Flat-Pin Connections



### Algemene informatie

Type	VB7A-30-10-F-80
Artikelnummer	GJL1311913R8100
EAN	4013614157486
Omschrijving	VB7A-30-10-F-80 Mini Reversing Contactor 220 ... 240 V AC - 3 NO - 0 NC - Flat-Pin Connections
Omschrijving	The VB7A-30-10-F mini reversing contactor is a compact 3 pole contactor with 1 auxiliary contact, flat pin connection and mechanical interlock and safety blocking. They are ideally suited for applications where reliability is a must and space is at a premium. Mini reversing contactors are used in residential buildings, commercial buildings and industrial applications for the control of three-phase motor loads up to 5.5 kW (AC-3). 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	2CDC102046M6801

CAD Dimensional Drawing	2CDC001079B0201
Dimensiediagram	GJL1200448F0001

## Dimensions

Product netto breedte	96.2 mm
Product netto hoogte	57.5 mm
Product netto diepte	46.7 mm
Product netto gewicht	0.345 kg

## Technical

Aantal polen	3
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)	Main Circuit 60 Hz Main Circuit 50 Hz Main Circuit DC
Nominale impuls gresnvoltage ( $U_{imp}$ )	Main Circuit 6 kV
Nominaal isolatievoltage ( $U_i$ )	690 V acc. to UL/CSA 600 V
Aantal hoofdcontacten NC	0
Aantal hoofdcontacten NO	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 gresnstroom ( $I_{cw}$ )	at 40 °C Ambient Temp, in Free Air, from a Cold State 10 s 96 A
Aantal hulpcontacten NC	0
Aantal hulpcontacten NO	1
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	Main Circuit Terminals IP20
Verontreinigingsgraad	3
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 -20 ... +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

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
RMRS-certificaat	1SAA938000-0704
UL-certificaat	E191658-19880915

## Container Information

Pakketniveau 1 Units	5 stuk
Pakketniveau 1 Breedte	115 mm
Pakketniveau 1 Hoogte	54 mm
Pakketniveau 1 Lengte	280 mm
Pakketniveau 1 Brutogewicht	1.795 kg
Pakketniveau 1 EAN	4013614417993

## Classifications

Object classificatiecode	Q
ETIM 4	EC000066 - Magnet contactor, AC-switching
ETIM 5	EC000010 - Starter combination
ETIM 6	EC000010 - Automatische sterdriehoekschakelaar
ETIM 7	EC000010 - Combination of contactors
ETIM 8	EC000010 - Magneetschakelaarcombinatie
eClass	V11.0 : 27371009
UNSPSC	39121529

## Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Minischakelaars

