
PRODUCT-DETAILS

VBC6A-30-10-P-2.4

VBC6A-30-10-P-2.4 Mini Reversing Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins



Algemene informatie

Type	VBC6A-30-10-P-2.4
Artikelnummer	GJL1213919R5101
EAN	4013614053900
Omschrijving	VBC6A-30-10-P-2.4 Mini Reversing Contactor 17 ... 32 V DC - 3 NO - 0 NC - Soldering Pins
Omschrijving	The VBC6A-30-10-P mini reversing contactor is a compact 3 pole contactor with 1 auxiliary contact, soldering pins 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 buldings, commercial buildings and industrial applications for the control of three-phase motor loads up to 4 kW (AC-3). Due to the low coil consumption, this device can be directly controlled by a PLC. Further features are the noiseless and hum-free coil, a switch position indication and the integrated possibility for rail mounting.

Ordering

Minimale bestelhoeveelheid	1 stuk
Nummer douanetarief	85365080

Popular Downloads

Gegevensblad, technische informatie	1SBC100214C0202
Instructies en handleidingen	2CDC102046M6801
CAD Dimensional Drawing	2CDC001079B0201
Dimensiediagram	GJL1200449F0001

Dimensions

Product netto breedte	96.2 mm
Product netto hoogte	57.5 mm
Product netto diepte	47.7 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)	Control Circuit DC Main Circuit 60 Hz Main Circuit 50 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	3
Nominale bedrijfsstroom AC-1 (I_e)	(220 / 240 V) 40 °C 12 A (220 / 240 V) 55 °C 12 A (380 / 440 V) 40 °C 12 A (380 / 440 V) 55 °C 12 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)	(440 V AC) 3 A (24 V) 4 A (120 V) 4 A (240 V) 4 A (500 V) 2 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 12 A
Nominale stuurstroomkringspanning (U_c)	17 ... 32 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
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 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
Opmerkingen	No CA6 or CAF6 mountable

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) 8 A
Contactklasse UL/CSA	A600

Environmental

Omgevingsluchttemperatuur	Werking -20 ... +55 °C Opslag -40 ... +80 °C
Maximale werkhoogte	2000 m

toegestaan

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	64 mm
Pakketniveau 1 Lengte	280 mm
Pakketniveau 1 Bruto gewicht	1.795 kg
Pakketniveau 1 EAN	4013614416439

Classifications

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

Categorieën

Laagspanningsproducten en -systemen → Control Producten → Magneetschakelaars → Minischakelaars

