

Detailed information for: VBC6-30-01-P-01

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Data Sheet

Documentation

VBC6-30-01-P-01

General Information

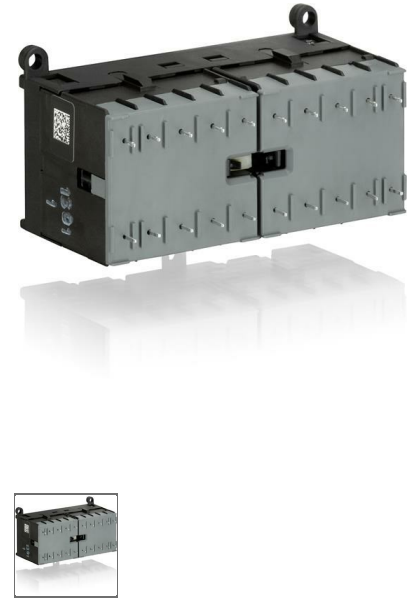
Extended Product Type:VBC6-30-01-P-01

Product ID: GJL1213909R0011

EAN: 4013614053795

Catalog Description: VBC6-30-01-P-01 Mini Reversing Contactor

Long Description: The VBC6-30-01-P mini reversing contactor is a compact 3 pole contactor with 1 auxiliary contact, soldering pins and normal mechanical interlock. 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). Further features are the noiseless and hum-free coil, a switch position indication and the integrated possibility for rail mounting.



Categories

Products » Low Voltage Products and Systems » Control Products » Starters » Starters

Ordering

EAN: 4013614053795

Minimum Order Quantity: 1 piece

Customs Tariff Number: 85365080

Dimensions

Product Net Width: 96.5 mm

Product Net Height: 57.5 mm

Product Net Depth: 51.5 mm

Product Net Weight: 0.345 kg

Container Information

Package Level 1 Units: 5 piece

Package Level 1 Width: 115 mm

Package Level 1 Height: 64 mm

Package Level 1 Length: 280 mm

Package Level 1 Gross Weight: 1.795 kg

Package Level 1 EAN: 4013614416033

Environmental

Ambient Air Temperature: Operation -20 ... +55 °C

Storage -40 ... +80 °C

Maximum Operating Altitude Permissible: 2000 m

Resistance to Shock acc. to IEC 60068-2-27: 11 ms Pulse 15g

Resistance to Vibrations acc. to IEC 60068-2-6: 5g / 5 ... 150 Hz

RoHS Status: Following EU Directive 2002/95/EC August 18, 2005 and amendment

Technical

Contactor Starter Type: Compact Reversing Contactor with Normal Interlock

Number of Auxiliary Contacts NC: 1

Number of Auxiliary Contacts NO: 0

Number of Main Contacts NC: 0

Number of Main Contacts NO: 3

Number of Poles: 4

Pollution Degree: 3

Rated Frequency (f):
Control Circuit DC
Main Circuit 60 Hz
Main Circuit 50 Hz
Main Circuit DC

Rated Impulse Withstand Voltage (U_{imp}): Main Circuit 6 kV

Rated Insulation Voltage (U_i): 690 V
acc. to UL/CSA 600 V

Rated Operational Current 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

Rated Operational Current AC-3 (I_e): (220 / 230 / 240 V) 55 °C 9 A
(380 / 400 V) 55 °C 8.5 A
(440 V) 55 °C 8 A
(500 V) 55 °C 5.5 A
(690 V) 55 °C 3.5 A

Rated Operational Voltage: Main Circuit 690 V AC

Conventional Free-air Thermal Current (I_{th}): Main Circuit 12 A

Rated Control Circuit Voltage (U_c): 24 V DC

Coil Operating Limits: (acc. to IEC 60947-4-1) for DC supply 0.85 ... 1.1 x U_c (at $\theta \leq 55$ °C)

Degree of Protection: Control Circuit Terminals IP20
Main Circuit Terminals IP20

Mechanical Durability: 10000000 cycle

Mounting on DIN Rail: TH35-7.5 (35 x 7.5 mm Mounting Rail) acc. to IEC 60715
TH35-15 (35 x 15 mm Mounting Rail) acc. to IEC 60715

Power Loss: at Rated Operating Conditions per Pole 2 W

Standards: IEC/EN 60947-1
IEC/EN 60947-4-1
IEC/EN 60947-5-1
UL 60947-1
UL 60947-4-1

Technical UL/CSA

Maximum Operating Voltage UL/CSA: Main Circuit 600 V AC

Horsepower Rating UL/CSA: (208 V AC) Three Phase 1 Hp
(220 ... 240 V AC) Single Phase 0.5 Hp
(220 ... 240 V AC) Three Phase 2 Hp
(440 ... 480 V AC) Three Phase 3 Hp
(550 ... 600 V AC) Three Phase 1 Hp

General Use Rating UL/CSA: (300 V AC) 8 A

Certificates and Declarations (Document Number)

CB Certificate: 1SAA938000-2002

CCC Certificate: 1SAA938001-3804

cUL Certificate: cUL E191658

Data Sheet, Technical Information: 1SBC100173C0201

Declaration of Conformity - CE: 1SAD938510-0001

EAC Certificate: 1SAA920000-2702

RMRS Certificate: 1SAA938000-0703

RoHS Information: 1SAA938001-4402

Instructions and Manuals: 2CDC102046M6801

Classifications

Object Classification Code: Q

ETIM 4: EC000066 - Magnet contactor, AC-switching

ETIM 5: EC000010 - Starter combination

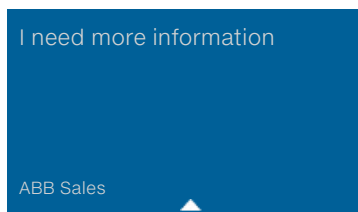
ETIM 6: EC000010 - Combination of contactors

eClass: 7.0 27371009

UNSPSC: 39121529

Contact information

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