

# A30-30-10 110V 50Hz / 110-120V 60Hz

ABB contact for Canada [Print to Pdf..](#)

## General Information

<b>Extended Product Type:</b>	A30-30-10 110V 50Hz / 110-120V 60Hz
<b>Product ID:</b>	1SBL281001R8410
<b>EAN:</b>	3471522071842
<b>Catalog Description:</b>	A30-30-10 110V 50Hz / 110-120V 60Hz Contactor
<b>Long Description:</b>	A30 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The A... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, front and side-mounted add-on auxiliary contact blocks - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.



## Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Block Contactors

## Ordering

<b>EAN:</b>	3471522071842
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85369085

## Dimensions

<b>Product Net Width:</b>	54.0 mm
<b>Product Net Depth:</b>	108.3 mm
<b>Product Net Height:</b>	90.0 mm
<b>Product Net Weight:</b>	0.710 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	101 mm
<b>Package Level 1 Length:</b>	115 mm
<b>Package Level 1 Height:</b>	61 mm
<b>Package Level 1 Gross Weight:</b>	0.71000 kg
<b>Package Level 1 EAN:</b>	3471522071842
<b>Package Level 2 Units:</b>	24 piece
<b>Package Level 3 Units:</b>	576 piece

## Environmental

<b>Ambient Air Temperature:</b>	Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C
---------------------------------	---

Close to Contactor for Storage -60 ... +80 °C  
 Close to Contactor without Thermal O/L Relay (0.85 - 1.1 Uc) -40 ... +55 °C  
 Close to Contactor without Thermal O/L Relay (Uc) -40 ... +70 °C

**Maximum Operating Altitude Permissible:** 3000 m

**Resistance to Shock acc. to IEC 60068-2-27:** Shock Direction: A 20 g  
 Closed, Shock Direction: B1 10 g  
 Open, Shock Direction: B1 5 g  
 Shock Direction: B2 15 g  
 Shock Direction: C1 20 g  
 Shock Direction: C2 20 g

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

## Technical

**Rated Operational Power AC-3 ( $P_e$ ):** (220 / 230 / 240V) 9 kW  
 (380 / 400V) 15 kW  
 (415V) 15 kW  
 (440V) 18.5 kW  
 (500V) 18.5 kW  
 (690V) 18.5 kW

**Rated Operational Current AC-1 ( $I_e$ ):** (690V) 40°C 55 A  
 (690V) 55°C 55 A  
 (690V) 70°C 39 A

**Number of Main Contacts NO:** 3  
**Number of Main Contacts NC:** 0  
**Number of Auxiliary Contacts NO:** 1  
**Number of Auxiliary Contacts NC:** 0

**Rated Control Circuit Voltage ( $U_c$ ):** 50 Hz 110 V  
 60 Hz 110 ... 120 V

**Terminal Type:** Screw Terminals

**Coil Consumption:** Average Holding Value 50/60Hz 12 V·A  
 Average Holding Value 50/60Hz 3 W  
 Average Pull-in Value 50Hz 125 V·A  
 Average Pull-in Value 60Hz 120 V·A

## Certificates and Declarations (Document Number)

**BV Certificate:** BV\_2634H07559D0  
**CB Certificate:** CB\_FR\_602227A  
**CCC Certificate:** CCC\_2002010304016447  
**CSA Certificate:** CSA\_1033838\_LR056745  
**cUL Certificate:** UL\_071301E39231  
**Declaration of Conformity - CE:** 1SBD250803C3000  
**DNV Certificate:** DNV\_E12025  
**EAC Certificate:** EAC\_RU C-FR ME77 B01010  
**GL Certificate:** GL\_9949897HH  
**GOST Certificate:** GOST\_POCCFRME77B07175  
**LOVAG Certificate:** LOVAG\_FR97008  
**LR Certificate:** LRS\_9830011E2  
**RINA Certificate:** RINA\_ELE128713XG001  
**RMRS Certificate:** RMRS\_0507015250  
**RoHS Information:** 1SBD350054R1000  
**UL Certificate:** UL\_071301E39231

## Classifications

---

<b>E-nummer:</b>	3227763
<b>UNSPSC:</b>	39121529

---

# A30-30-10 110V 50Hz / 110-120V 60Hz

ABB contact for Canada [Print to Pdf..](#)

## General Information

<b>Extended Product Type:</b>	A30-30-10 110V 50Hz / 110-120V 60Hz
<b>Product ID:</b>	1SBL281001R8410
<b>EAN:</b>	3471522071842
<b>Catalog Description:</b>	A30-30-10 110V 50Hz / 110-120V 60Hz Contactor
<b>Long Description:</b>	A30 contactors are mainly used for controlling 3-phase motors and generally for controlling power circuits up to 690 V AC or 220 V DC. The contactors can also be used for many other applications such as isolation, capacitor switching, lighting. The A... series 1-stack 3-pole contactors are of the block type design. - Main poles and auxiliary contact blocks: 3 main poles, 1 built-in auxiliary contact, front and side-mounted add-on auxiliary contact blocks - Control circuit: AC operated with laminated magnet circuit - Accessories: a wide range of accessories is available.



## Categories

Products » Low Voltage Products and Systems » Control Products » Contactors » Block Contactors

## Ordering

<b>EAN:</b>	3471522071842
<b>Minimum Order Quantity:</b>	1 piece
<b>Customs Tariff Number:</b>	85369085

## Dimensions

<b>Product Net Width:</b>	54.0 mm
<b>Product Net Depth:</b>	108.3 mm
<b>Product Net Height:</b>	90.0 mm
<b>Product Net Weight:</b>	0.710 kg

## Container Information

<b>Package Level 1 Units:</b>	1 piece
<b>Package Level 1 Width:</b>	101 mm
<b>Package Level 1 Length:</b>	115 mm
<b>Package Level 1 Height:</b>	61 mm
<b>Package Level 1 Gross Weight:</b>	0.71000 kg
<b>Package Level 1 EAN:</b>	3471522071842
<b>Package Level 2 Units:</b>	24 piece
<b>Package Level 3 Units:</b>	576 piece

## Environmental

<b>Ambient Air Temperature:</b>	Close to Contactor Fitted with Thermal O/L Relay -25 ... +55 °C
---------------------------------	---

Close to Contactor for Storage -60 ... +80 °C  
 Close to Contactor without Thermal O/L Relay (0.85 - 1.1 Uc) -40 ... +55 °C  
 Close to Contactor without Thermal O/L Relay (Uc) -40 ... +70 °C

**Maximum Operating Altitude  
 Permissible:**

3000 m

**Resistance to Shock acc. to IEC  
 60068-2-27:**

Shock Direction: A 20 g  
 Closed, Shock Direction: B1 10 g  
 Open, Shock Direction: B1 5 g  
 Shock Direction: B2 15 g  
 Shock Direction: C1 20 g  
 Shock Direction: C2 20 g

**RoHS Status:**

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

## Technical

**Rated Operational Power AC-3 ( $P_e$ ):** (220 / 230 / 240V) 9 kW  
 (380 / 400V) 15 kW  
 (415V) 15 kW  
 (440V) 18.5 kW  
 (500V) 18.5 kW  
 (690V) 18.5 kW

**Rated Operational Current AC-1 ( $I_e$ ):** (690V) 40°C 55 A  
 (690V) 55°C 55 A  
 (690V) 70°C 39 A

**Number of Main Contacts NO:** 3

**Number of Main Contacts NC:** 0

**Number of Auxiliary Contacts NO:** 1

**Number of Auxiliary Contacts NC:** 0

**Rated Control Circuit Voltage ( $U_c$ ):** 50 Hz 110 V  
 60 Hz 110 ... 120 V

**Terminal Type:** Screw Terminals

**Coil Consumption:** Average Holding Value 50/60Hz 12 V·A  
 Average Holding Value 50/60Hz 3 W  
 Average Pull-in Value 50Hz 125 V·A  
 Average Pull-in Value 60Hz 120 V·A

## Certificates and Declarations (Document Number)

**BV Certificate:** BV\_2634H07559D0

**CB Certificate:** CB\_FR\_602227A

**CCC Certificate:** CCC\_2002010304016447

**CSA Certificate:** CSA\_1033838\_LR056745

**cUL Certificate:** UL\_071301E39231

**Declaration of Conformity - CE:** 1SBD250803C3000

**DNV Certificate:** DNV\_E12025

**EAC Certificate:** EAC\_RU C-FR ME77 B01010

**GL Certificate:** GL\_9949897HH

**GOST Certificate:** GOST\_POCCFRME77B07175

**LOVAG Certificate:** LOVAG\_FR97008

**LR Certificate:** LRS\_9830011E2

**RINA Certificate:** RINA\_ELE128713XG001

**RMRS Certificate:** RMRS\_0507015250

**RoHS Information:** 1SBD350054R1000

**UL Certificate:** UL\_071301E39231

## Classifications

---

<b>E-nummer:</b>	3227763
<b>UNSPSC:</b>	39121529

---