

A110-30-11 110V 50Hz / 110-120V 60Hz

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

General Information

Extended Product Type:	A110-30-11 110V 50Hz / 110-120V 60Hz
Product ID:	1SFL451001R8411
EAN:	7320500141588
Catalog Description:	A110-30-11 110V 50Hz / 110-120V 60Hz Contactor
Long Description:	A 3-phase Contactor suitable for various applications such as Motor starting, Isolation, By-pass and Distribution application up to max 1000 V. Operated with control voltage, versions from 24â€ €690 AC, 50 and 60 Hz



Categories

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

Ordering

EAN:	7320500141588
Minimum Order Quantity:	1 piece
Customs Tariff Number:	85364900

Dimensions

Product Net Width:	102.0 mm
Product Net Depth:	123.5 mm
Product Net Height:	148.0 mm
Product Net Weight:	2.040 kg

Container Information

Package Level 1 Units:	1 piece
Package Level 1 Width:	140 mm
Package Level 1 Length:	140 mm
Package Level 1 Height:	170 mm
Package Level 1 Gross Weight:	2 kg
Package Level 1 EAN:	7320500141588

Environmental

Ambient Air Temperature:	Close to Contactor Fitted with Thermal O/L Relay (0.85 - 1.1 Uc) -25...+50 °C Close to Contactor without Thermal O/L Relay (0.85 - 1.1 Uc) -40...+70 °C Close to Contactor for Storage -60...+80 °C
Maximum Operating Altitude Permissible:	3000 m
Resistance to Shock acc. to IEC 60068-2-27:	Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock Direction: A 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock Direction: A 20 g Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock

Direction: B1 5 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock
 Direction: B1 10 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock
 Direction: B2 15 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock
 Direction: B1 15 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock
 Direction: C1 20 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, Shock
 Direction: C1 20 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Open, Shock
 Direction: C2 20 g
 Half-sine Pulse for 11 ms, No Change in Contact Position, Closed, 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): (1000V) 40 kW
 (220 / 230 / 240V) 30 kW
 (380 / 400V) 55 kW
 (415V) 59 kW
 (440V) 59 kW
 (500V) 59 kW
 (690V) 75 kW

Rated Operational Current AC-1 (I_e): (690V) 40°C 160 A
 (690V) 55°C 145 A
 (690V) 70°C 130 A

Number of Main Contacts NO: 3

Number of Main Contacts NC: 0

Number of Auxiliary Contacts NO: 1

Number of Auxiliary Contacts NC: 1

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

Terminal Type: Screw Terminals

Coil Consumption: Pull-in at Max Rated Control Circuit Voltage 50Hz 350 V·A
 Pull-in at Max Rated Control Circuit Voltage 60Hz 450 V·A
 Holding at Max Rated Control Circuit Voltage 60Hz 26 V·A
 Holding at Max Rated Control Circuit Voltage 50Hz 22 V·A

Technical UL/CSA

Maximum Operating Voltage Main Circuit 600 V
UL/CSA:

Certificates and Declarations (Document Number)

BV Certificate: 07172/D0 BV
CB Certificate: SE-69487
CCC Certificate: CQC_2002010304008904
CSA Certificate: 314005
Declaration of Conformity - CE: 1SFA1-63
DNV Certificate: DNV_E-12191
GL Certificate: GL_99358-97HH
LOVAG Certificate: SE-9631076-2
 SE9723126-2

LR Certificate:	SE-9645071-2
RINA Certificate:	LR_12-70027-E1
RMRS Certificate:	ELE060313XG/001
RoHS Information:	RMRS_12-03683-315
	1SFC101046D0203

Classifications

UNSPSC:	39121529
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