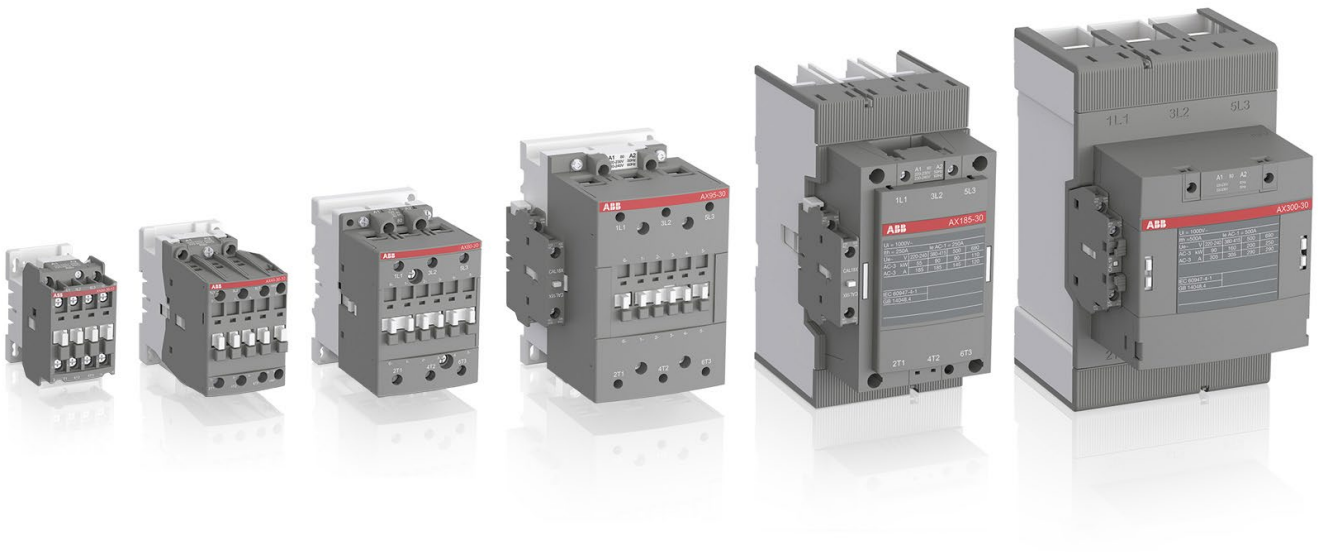


Main catalog

AX contactor range

Control made simple

The performance you need



AX contactors and NX contactor relays

AX 3-pole contactors

AX06 ... AX12	AC operated	58
AX18 ... AX25	AC operated	59
AX32, AX40	AC operated	60
AX50 ... AX80	AC operated	61
AX50 ... AX80	AC operated with 1 N.O. + 1 N.C.	62
AX95 ... AX150	AC operated with 1 N.O. + 1 N.C.	63
Main accessories		64
AX185 ... AX205	AC operated with 1 N.O. + 1 N.C.	67
AX260 ... AX370	AC operated with 1 N.O. + 1 N.C.	68
Main accessories		69
Technical data		72
Electrical durability		86
Star-delta starting		90
Terminal marking and positioning		92
Dimensions		93

NX contactor relays

NX	AC operated	98
Main accessories		99
Technical data		100
Terminal marking and positioning		102

Accessories for AX06 ... AX80 3-pole contactors and NX contactor relays	103
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Voltage code table	126
--------------------	-----

AX06 ... AX12 3-pole contactors

3 to 5.5 kW

AC operated



AX06 ... AX12

Description

AX06 ... AX12 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC. These contactors are of the block type design with:

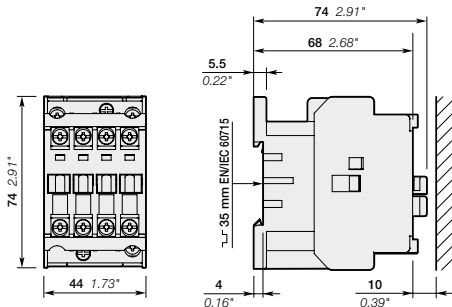
- 3 main poles and 1 built-in auxiliary contact
- control circuit: AC operated
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC		Rated control circuit voltage U _c (1)		Auxiliary contacts fitted	Type	Order code	Weight Pkg (1 pce)
Rated operational power 400 V AC-3	current θ ≤ 40 °C AC-1	V 50 Hz	V 60 Hz				
3 kW	20 A	24	24	1 0	AX06-30-10-81	1SBL891074R8110	0.340
				0 1	AX06-30-01-81	1SBL891074R8101	0.340
		110	110...120	1 0	AX06-30-10-84	1SBL891074R8410	0.340
				0 1	AX06-30-01-84	1SBL891074R8401	0.340
		220...230	230...240	1 0	AX06-30-10-80	1SBL891074R8010	0.340
				0 1	AX06-30-01-80	1SBL891074R8001	0.340
		230...240	240...260	1 0	AX06-30-10-88	1SBL891074R8810	0.340
				0 1	AX06-30-01-88	1SBL891074R8801	0.340
		400...415	415...440	1 0	AX06-30-10-86	1SBL891074R8610	0.340
				0 1	AX06-30-01-86	1SBL891074R8601	0.340
4	22	24	24	1 0	AX09-30-10-81	1SBL901074R8110	0.340
				0 1	AX09-30-01-81	1SBL901074R8101	0.340
		110	110...120	1 0	AX09-30-10-84	1SBL901074R8410	0.340
				0 1	AX09-30-01-84	1SBL901074R8401	0.340
		220...230	230...240	1 0	AX09-30-10-80	1SBL901074R8010	0.340
				0 1	AX09-30-01-80	1SBL901074R8001	0.340
		230...240	240...260	1 0	AX09-30-10-88	1SBL901074R8810	0.340
				0 1	AX09-30-01-88	1SBL901074R8801	0.340
		400...415	415...440	1 0	AX09-30-10-86	1SBL901074R8610	0.340
				0 1	AX09-30-01-86	1SBL901074R8601	0.340
5.5	25	24	24	1 0	AX12-30-10-81	1SBL911074R8110	0.340
				0 1	AX12-30-01-81	1SBL911074R8101	0.340
		110	110...120	1 0	AX12-30-10-84	1SBL911074R8410	0.340
				0 1	AX12-30-01-84	1SBL911074R8401	0.340
		220...230	230...240	1 0	AX12-30-10-80	1SBL911074R8010	0.340
				0 1	AX12-30-01-80	1SBL911074R8001	0.340
		230...240	240...260	1 0	AX12-30-10-88	1SBL911074R8810	0.340
				0 1	AX12-30-01-88	1SBL911074R8801	0.340
		400...415	415...440	1 0	AX12-30-10-86	1SBL911074R8610	0.340
				0 1	AX12-30-01-86	1SBL911074R8601	0.340

(1) For other voltage version see voltage code table.

Main dimensions mm, inches



AX06, AX09, AX12



Ref. Certif. No.

CN29456

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST
CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE)
CB SCHEME

SYSTEME CEI D'ACCEPTATION MUTUELLE DE
CERTIFICATS D'ESSAIS DES EQUIPEMENTS
ELECTRIQUES (IECEE) METHODE OC

CB TEST CERTIFICATE

Product
Produit

Name and address of the applicant
Nom et adresse du demandeur

Name and address of the manufacturer
Nom et adresse du fabricant

Name and address of the factory
Nome et adresse de l'usine

Note: When more than one factory, please report on page 2
Note: Lorsque plus d'une usine, veuillez utiliser la 2^{ème} page

Ratings and principal characteristics
Valeurs nominales et caractéristiques principales

Trademark (if any)
Marque de fabrique (si elle existe)

Model / Type Ref.
Ref. De type

Additional information (if necessary may also be reported
on page 2)
Les informations complémentaires (si nécessaire, peuvent être
indiqués sur la 2^{ème} page)

A sample of the product was tested and found
to be in conformity with
Un échantillon de ce produit a été essayé et a été
considéré conforme à la

As shown in the Test Report Ref. No. which forms part
of this Certificate
Comme indiqué dans le Rapport d'essais numéro de
référence qui constitue partie de ce Certificat

This CB Test Certificate is issued by the National Certification Body
Ce Certificat d'essai OC est établi par l'Organisme National de Certification

Contactor

ABB France
3 Rue Jean Perrin CS 90009 69687 Chassieu Cedex, France

ABB France
3 Rue Jean Perrin CS 90009 69687 Chassieu Cedex, France

ABB Xinhui Low Voltage Switchgear Co., Ltd.
Jinguzhou Industrial Development Zone, Xinhui Region, Jiangmen
City, Guangdong Province, P.R.China

See the Appendix

ABB

AX09-30,AX12-30,AX18-30,AX25-30

PUBLICATION

EDITION

IEC 60947-4-1:2009(Third Edition)+A1:2012

GQI-POW-2013019



CHINA QUALITY CERTIFICATION CENTRE

Date: 2014-02-14

Signature:

Wang Kejiao

Issued 2003-05
China Quality Certification Centre
Section 9, No. 188, Nansihuan Xilu, Beijing 100070 P.R.China

Tel: +86-10-83886666
Fax: +86-10-83886282

website
www.cqc.com.cn

CB 0024545

Type : AX09-30,AX12-30,AX18-30,AX25-30;
 I_{th} :AX09:24A,AX12:26A,AX18:28A,AX25:32A; U_i :690V;
 U_s :

Frequency	U_s (V ~)							
50Hz	24	48	110	190	220-230	230-240	380-400	400-415
60Hz	24	48	110-120	220	230-240	240-260	400-415	415-440

Number of poles:3P;
 Utilization category, U_e , I_e :

Utilization category	U_e (V ~)	I_e (A)			
		AX09	AX12	AX18	AX25
AC-3	220-230-240V	9A	12A	18A	25A
AC-3	380-400V	9A	12A	18A	25A
AC-3	415V	9A	12A	18A	25A
AC-3	440V	9A	9A	12A	16A
AC-3	500V	9A	9A	12A	14A
AC-3	690V	7A	7A	9A	10A
AC-8a	400V	12A	16A	22A	30A
AC-1	690V	22A	25A	27A	32A

Auxiliary contacts:

I_{th} :16A

Utilization category :AC-15,DC-13

Utilization category	U_e (V)	I_e (A)
AC-15	24-127VAC	6
	220-240VAC	4
	380-440VAC	3
	500VAC	2
	690VAC	2
DC-13	24VDC	6
	48VDC	2.8
	72VDC	2
	125VDC	1.1
	250VDC	0.55

Additional information (if necessary)

Information complémentaire (si nécessaire)

Date: 2014-02-14

Signature:



Wang Kejiao

**AMEGA ENERGY PTE LTD**

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Eastlink #06-40 Singapore 486132

Tel: +65 6441 0200 Fax: +65 6441 0600
Email: amega@singnet.com.sg

CO Reg/GST No: 201107874C

Monday, 16 August 2021

Dear Sir/Madam,

Project Reference for ABB AX Contactor:

S/No	Project Name	Country
1	SUTD	Singapore
2	Jurong Shipyard (Megayard)	Singapore
3	Microsoft Data Centre (Woodlands)	Singapore
4	SengKang Hospital	Singapore
5	Tan Tock Seng Hospital	Singapore
6	Capitol Building	Singapore
7	Fusionpolis	Singapore
8	Singapore Pools (Middle Road)	Singapore

Should you need any other information, please feel free to contact me.

Thanks.

Regards,
Nio Tse Kiang