

AF190 ... AF370 3-pole contactors

125 to 300 hp at 480 V AC

AC / DC operated with 1 N.O. + 1 N.C. auxiliary contacts

2



AF205-30-11



AF370-30-11

Description

AF190 ... AF370 contactors are mainly used for controlling 3-phase motors and power circuits up to 1000 V AC. These contactors are of the block type design with 3 main poles.

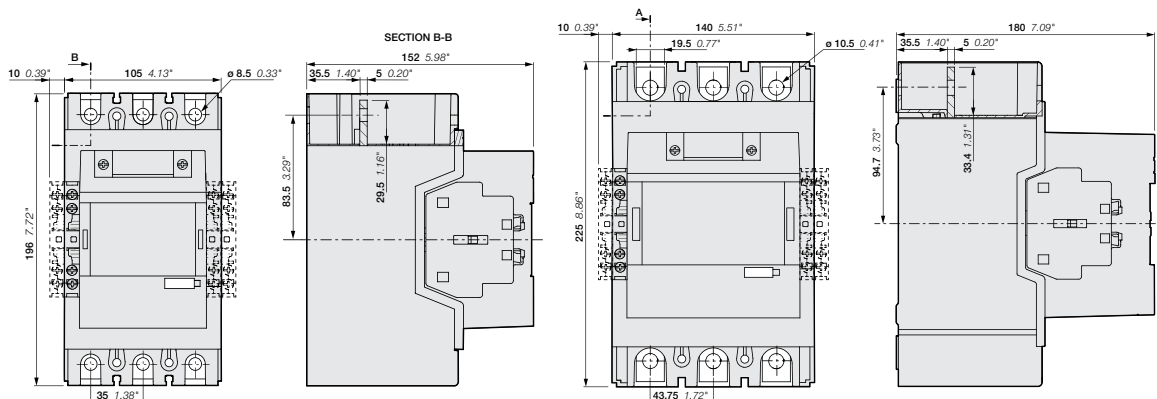
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...500 V 50/60 Hz and 20...500 V DC
- can manage large control voltage variations
- reduced panel energy consumption
- very distinct closing and opening
- can withstand short voltage dips and voltage sags (SEMI F47 conditions of use on request).
- built-in surge suppression
- add-on auxiliary contact blocks for side mounting and a wide range of accessories.

Ordering details

IEC		UL / CSA		Rated control circuit voltage		Auxiliary contacts fitted	Catalog number	Global reference code	Weight
Rated operational power	current $\theta \leq 40^\circ\text{C}$	3-phase motor rating 480 V	General use rating 600 V AC	Uc min. ... Uc max.					
400 V AC-3	AC-1								
kW	A	hp	A (1)	V 50/60 Hz	V DC				kg
90	275	125	230 [250]	24...60	20...60	1 1	AF190-30-11-11	1SFL487002R1111	3.000
				48...130	48...130	1 1	AF190-30-11-12	1SFL487002R1211	3.000
				100...250	100...250	1 1	AF190-30-11-13	1SFL487002R1311	3.000
				250...500	250...500	1 1	AF190-30-11-14	1SFL487002R1411	3.000
110	350	150	250 [300]	24...60	20...60	1 1	AF205-30-11-11	1SFL527002R1111	3.000
				48...130	48...130	1 1	AF205-30-11-12	1SFL527002R1211	3.000
				100...250	100...250	1 1	AF205-30-11-13	1SFL527002R1311	3.000
				250...500	250...500	1 1	AF205-30-11-14	1SFL527002R1411	3.000
140	400	200	300 [350]	24...60	20...60	1 1	AF265-30-11-11	1SFL547002R1111	4.640
				48...130	48...130	1 1	AF265-30-11-12	1SFL547002R1211	4.640
				100...250	100...250	1 1	AF265-30-11-13	1SFL547002R1311	4.640
				250...500	250...500	1 1	AF265-30-11-14	1SFL547002R1411	4.640
160	500	250	350 [400]	24...60	20...60	1 1	AF305-30-11-11	1SFL587002R1111	4.640
				48...130	48...130	1 1	AF305-30-11-12	1SFL587002R1211	4.640
				100...250	100...250	1 1	AF305-30-11-13	1SFL587002R1311	4.640
				250...500	250...500	1 1	AF305-30-11-14	1SFL587002R1411	4.640
200	600	300	400 [520]	24...60	20...60	1 1	AF370-30-11-11	1SFL607002R1111	4.640
				48...130	48...130	1 1	AF370-30-11-12	1SFL607002R1211	4.640
				100...250	100...250	1 1	AF370-30-11-13	1SFL607002R1311	4.640
				250...500	250...500	1 1	AF370-30-11-14	1SFL607002R1411	4.640

(1) The higher ratings shown in [brackets] can be achieved through the use of LX.. terminal extensions.

Main dimensions mm, inches



AF190, AF205

AF265, AF305, AF370

AF400 ... AF750 3-pole contactors

350 to 600 hp at 480 V AC

AC / DC operated with 1 N.O. + 1 N.C. auxiliary contacts

Description

AF400 ... AF750 contactors are mainly used for controlling 3-phase motors and power circuits up to 1000 V AC or 600 V DC (2). These contactors are of the block type design with 3 main poles.

- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 coils to cover control voltages between 48...500 V 50/60 Hz and 24...500 V DC
 - can manage large control voltage variations
 - reduced panel energy consumption
 - very distinct closing and opening
 - can withstand short voltage dips and voltages sags (SEMI F47 conditions of use on request).
- built-in surge suppression
- add-on auxiliary contact blocks for side mounting and a wide range of accessories.



AF460-30-11



AF750-30-11

Ordering details

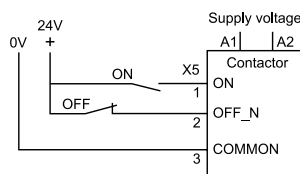
IEC		UL/CSA		Rated control circuit voltage		Auxiliary contacts fitted	Catalog number	Global reference code	Weight
Rated operational power	current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating	Uc min. ... Uc max.					
400 V AC-3	690 V AC-1	hp	A	V 50/60 Hz	V DC				Pkg (1 pce) kg
200	600	350	550	-	24...60 (1)	1 1	AF400-30-11-68	1SFL577001R6811	12.000
				48...130	48...130	1 1	AF400-30-11-69	1SFL577001R6911	12.000
				100...250	100...250	1 1	AF400-30-11-70	1SFL577001R7011	12.000
				250...500	250...500	1 1	AF400-30-11-71	1SFL577001R7111	12.000
250	700	400	650	-	24...60 (1)	1 1	AF460-30-11-68	1SFL597001R6811	12.000
				48...130	48...130	1 1	AF460-30-11-69	1SFL597001R6911	12.000
				100...250	100...250	1 1	AF460-30-11-70	1SFL597001R7011	12.000
				250...500	250...500	1 1	AF460-30-11-71	1SFL597001R7111	12.000
315	800	500	750	-	24...60 (1)	1 1	AF580-30-11-68	1SFL617001R6811	15.000
				48...130	48...130	1 1	AF580-30-11-69	1SFL617001R6911	15.000
				100...250	100...250	1 1	AF580-30-11-70	1SFL617001R7011	15.000
				250...500	250...500	1 1	AF580-30-11-71	1SFL617001R7111	15.000
400	1050	600	900	-	24...60 (1)	1 1	AF750-30-11-68	1SFL637001R6811	15.000
				48...130	48...130	1 1	AF750-30-11-69	1SFL637001R6911	15.000
				100...250	100...250	1 1	AF750-30-11-70	1SFL637001R7011	15.000
				250...500	250...500	1 1	AF750-30-11-71	1SFL637001R7111	15.000

(1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative pole.

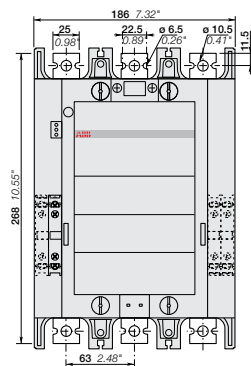
(2) Up to 850 V DC for AF580, AF750.

Control inputs

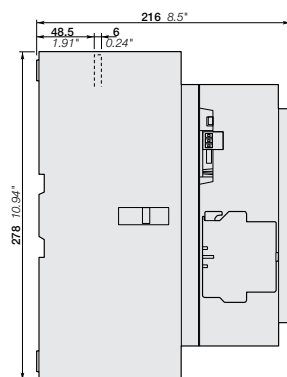
AF400 ... AF750 are equipped with low voltage inputs for control, for example by a PLC.



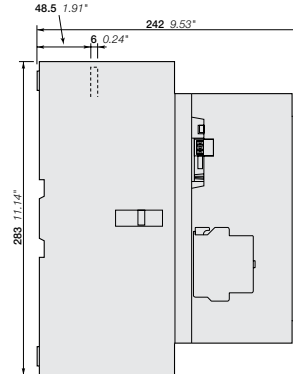
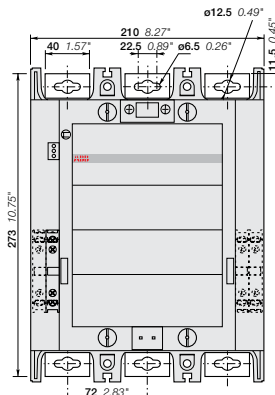
Main dimensions mm, inches



AF400, AF460



AF580, AF750



A9 ... A16 3-pole contactors

4 to 7.5 kW

AC operated



1SBC573 122F0301

3

A9-30-10

Description

A9 ... A16 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC or 220 V DC.

These contactors are of the block type design with:

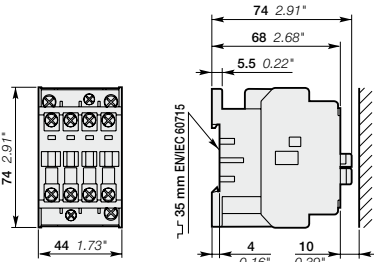
- 3 main poles and 1 built-in auxiliary contact
- control circuit: AC operated
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC		UL/CSA		Rated control circuit voltage Uc		Auxiliary contacts fitted	Type	Order code	Weight
Rated operational power	current $\theta \leq 40^{\circ}\text{C}$	3-phase motor rating 480 V	General use rating 600 V AC	V 50 Hz	V 60 Hz				Pkg (1 pce)
400 V AC-3	AC-1								kg
4	25	5	21	24	24	1 0	A9-30-10	1SBL141001R8110	0.340
						0 1	A9-30-01	1SBL141001R8101	0.340
				48	48	1 0	A9-30-10	1SBL141001R8310	0.340
						0 1	A9-30-01	1SBL141001R8301	0.340
				110	110...120	1 0	A9-30-10	1SBL141001R8410	0.340
						0 1	A9-30-01	1SBL141001R8401	0.340
				220...230	230...240	1 0	A9-30-10	1SBL141001R8010	0.340
						0 1	A9-30-01	1SBL141001R8001	0.340
				230...240	240...260	1 0	A9-30-10	1SBL141001R8810	0.340
						0 1	A9-30-01	1SBL141001R8801	0.340
				380...400	400...415	1 0	A9-30-10	1SBL141001R8510	0.340
						0 1	A9-30-01	1SBL141001R8501	0.340
				400...415	415...440	1 0	A9-30-10	1SBL141001R8610	0.340
						0 1	A9-30-01	1SBL141001R8601	0.340
						0 1	A12-30-10	1SBL161001R8110	0.340
						0 1	A12-30-01	1SBL161001R8101	0.340
5.5	27	7.5	25	24	24	1 0	A12-30-10	1SBL161001R8310	0.340
						0 1	A12-30-01	1SBL161001R8301	0.340
				48	48	1 0	A12-30-10	1SBL161001R8410	0.340
						0 1	A12-30-01	1SBL161001R8401	0.340
				110	110...120	1 0	A12-30-10	1SBL161001R8010	0.340
						0 1	A12-30-01	1SBL161001R8001	0.340
				220...230	230...240	1 0	A12-30-10	1SBL161001R8810	0.340
						0 1	A12-30-01	1SBL161001R8801	0.340
				230...240	240...260	1 0	A12-30-10	1SBL161001R8510	0.340
						0 1	A12-30-01	1SBL161001R8501	0.340
				380...400	400...415	1 0	A12-30-10	1SBL161001R8610	0.340
						0 1	A12-30-01	1SBL161001R8601	0.340
				400...415	415...440	1 0	A12-30-10	1SBL161001R8110	0.340
						0 1	A12-30-01	1SBL161001R8101	0.340
						1 0	A16-30-10	1SBL181001R8310	0.340
						0 1	A16-30-01	1SBL181001R8301	0.340
7.5	30	10	30	24	24	1 0	A16-30-10	1SBL181001R8410	0.340
						0 1	A16-30-01	1SBL181001R8401	0.340
				48	48	1 0	A16-30-10	1SBL181001R8010	0.340
						0 1	A16-30-01	1SBL181001R8001	0.340
				110	110...120	1 0	A16-30-10	1SBL181001R8810	0.340
						0 1	A16-30-01	1SBL181001R8801	0.340
				220...230	230...240	1 0	A16-30-10	1SBL181001R8510	0.340
						0 1	A16-30-01	1SBL181001R8501	0.340
				230...240	240...260	1 0	A16-30-10	1SBL181001R8610	0.340
						0 1	A16-30-01	1SBL181001R8601	0.340
				380...400	400...415	1 0	A16-30-10	1SBL181001R8110	0.340
						0 1	A16-30-01	1SBL181001R8101	0.340
				400...415	415...440	1 0	A16-30-10	1SBL181001R8310	0.340
						0 1	A16-30-01	1SBL181001R8301	0.340
						1 0	A16-30-10	1SBL181001R8410	0.340
						0 1	A16-30-01	1SBL181001R8401	0.340

(1) Other control voltages see voltage code table.

Main dimensions mm, inches



A9, A12, A16

1SBC10185550201

A26 ... A40 3-pole contactors

11 to 18.5 kW

AC operated



A26-30-10



A40-30-10

Description

A26 ... A40 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC or 220 V DC.

These contactors are of the block type design with:

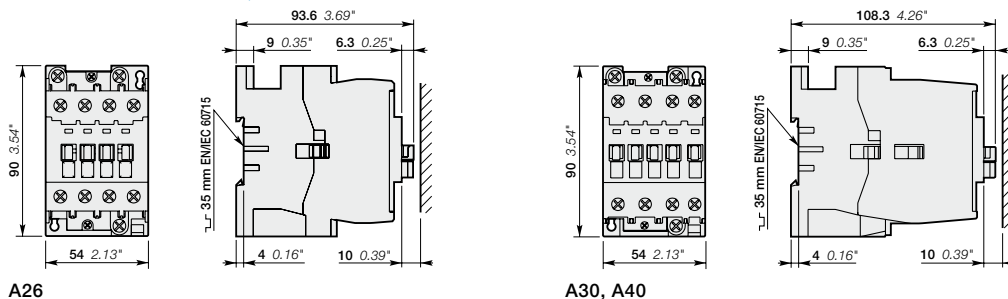
- 3 main poles and 1 built-in auxiliary contact
- control circuit: AC operated
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC		UL/CSA		Rated control circuit voltage Uc (1)		Auxiliary contacts fitted	Type	Order code	Weight
Rated operational power	current $\theta \leq 40^\circ\text{C}$	3-phase motor rating 480 V	General use rating 600 V AC	V 50 Hz	V 60 Hz				Pkg (1 pce)
400 V AC-3	AC-1	hp	A						kg
11	45	20	40	24	24	1 0	A26-30-10	1SBL241001R8110	0.600
						0 1	A26-30-01	1SBL241001R8101	0.600
				48	48	1 0	A26-30-10	1SBL241001R8310	0.600
						0 1	A26-30-01	1SBL241001R8301	0.600
				110	110...120	1 0	A26-30-10	1SBL241001R8410	0.600
						0 1	A26-30-01	1SBL241001R8401	0.600
				220...230	230...240	1 0	A26-30-10	1SBL241001R8010	0.600
						0 1	A26-30-01	1SBL241001R8001	0.600
				230...240	240...260	1 0	A26-30-10	1SBL241001R8810	0.600
						0 1	A26-30-01	1SBL241001R8801	0.600
				380...400	400...415	1 0	A26-30-10	1SBL241001R8510	0.600
						0 1	A26-30-01	1SBL241001R8501	0.600
				400...415	415...440	1 0	A26-30-10	1SBL241001R8610	0.600
						0 1	A26-30-01	1SBL241001R8601	0.600
				15	15	1 0	A30-30-10	1SBL281001R8110	0.710
						0 1	A30-30-01	1SBL281001R8101	0.710
				48	48	1 0	A30-30-10	1SBL281001R8310	0.710
						0 1	A30-30-01	1SBL281001R8301	0.710
				110	110...120	1 0	A30-30-10	1SBL281001R8410	0.710
						0 1	A30-30-01	1SBL281001R8401	0.710
				220...230	230...240	1 0	A30-30-10	1SBL281001R8010	0.710
						0 1	A30-30-01	1SBL281001R8001	0.710
				230...240	240...260	1 0	A30-30-10	1SBL281001R8810	0.710
						0 1	A30-30-01	1SBL281001R8801	0.710
				380...400	400...415	1 0	A30-30-10	1SBL281001R8510	0.710
						0 1	A30-30-01	1SBL281001R8501	0.710
				400...415	415...440	1 0	A30-30-10	1SBL281001R8610	0.710
						0 1	A30-30-01	1SBL281001R8601	0.710
				18.5	18.5	1 0	A40-30-10	1SBL321001R8110	0.710
						0 1	A40-30-01	1SBL321001R8101	0.710
				48	48	1 0	A40-30-10	1SBL321001R8310	0.710
						0 1	A40-30-01	1SBL321001R8301	0.710
				110	110...120	1 0	A40-30-10	1SBL321001R8410	0.710
						0 1	A40-30-01	1SBL321001R8401	0.710
				220...230	230...240	1 0	A40-30-10	1SBL321001R8010	0.710
						0 1	A40-30-01	1SBL321001R8001	0.710
				230...240	240...260	1 0	A40-30-10	1SBL321001R8810	0.710
						0 1	A40-30-01	1SBL321001R8801	0.710
				380...400	400...415	1 0	A40-30-10	1SBL321001R8510	0.710
						0 1	A40-30-01	1SBL321001R8501	0.710
				400...415	415...440	1 0	A40-30-10	1SBL321001R8610	0.710
						0 1	A40-30-01	1SBL321001R8601	0.710

(1) Other control voltages see voltage code table.

Main dimensions mm, inches



A26

A30, A40

A50 ... A75 3-pole contactors

22 to 37 kW

AC operated



A50-30-11

Description

A50 ... A75 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC / 1000 V AC or 220 V DC.

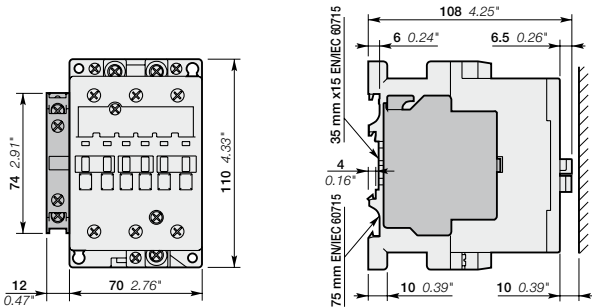
- These contactors are of the block type design with:
- 3 main poles
 - control circuit: AC operated
 - add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC Rated operational power 400 V AC-3 kW	Rated operational current $\theta \leq 40\text{ }^{\circ}\text{C}$ AC-1 A	UL/CSA 3-phase motor rating 480 V hp	General use rating 600 V AC A	Rated control circuit voltage Uc (1)		Auxiliary contacts fitted 	Type	Order code	Weight Pkg (1 pce) kg
				V 50 Hz	V 60 Hz				
22	100	40	80	24	24	1 1	A50-30-11	1SBL351001R8111	1.200
				48	48	1 1	A50-30-11	1SBL351001R8311	1.200
				110	110...220	1 1	A50-30-11	1SBL351001R8411	1.200
				220...230	230...240	1 1	A50-30-11	1SBL351001R8011	1.200
				230...240	240...260	1 1	A50-30-11	1SBL351001R8811	1.200
				380...400	400...415	1 1	A50-30-11	1SBL351001R8511	1.200
				400...415	415...440	1 1	A50-30-11	1SBL351001R8611	1.200
30	115	60	90	24	24	1 1	A63-30-11	1SBL371001R8111	1.200
				48	48	1 1	A63-30-11	1SBL371001R8311	1.200
				110	110...220	1 1	A63-30-11	1SBL371001R8411	1.200
				220...230	230...240	1 1	A63-30-11	1SBL371001R8011	1.200
				230...240	240...260	1 1	A63-30-11	1SBL371001R8811	1.200
				380...400	400...415	1 1	A63-30-11	1SBL371001R8511	1.200
				400...415	415...440	1 1	A63-30-11	1SBL371001R8611	1.200
37	125	60	105	24	24	1 1	A75-30-11	1SBL411001R8111	1.200
				48	48	1 1	A75-30-11	1SBL411001R8311	1.200
				110	110...220	1 1	A75-30-11	1SBL411001R8411	1.200
				220...230	230...240	1 1	A75-30-11	1SBL411001R8011	1.200
				230...240	240...260	1 1	A75-30-11	1SBL411001R8811	1.200
				380...400	400...415	1 1	A75-30-11	1SBL411001R8511	1.200
				400...415	415...440	1 1	A75-30-11	1SBL411001R8611	1.200

(1) Other control voltages see voltage code table.

Main dimensions mm, inches



A50, A63, A75

A95 ... A110 3-pole contactors

45 to 55 kW

AC operated



A95-30-11

1SBC573242F0301

Description

A95 ... A110 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 / 1000 V AC or 220 V DC.

These contactors are of the block type design with:

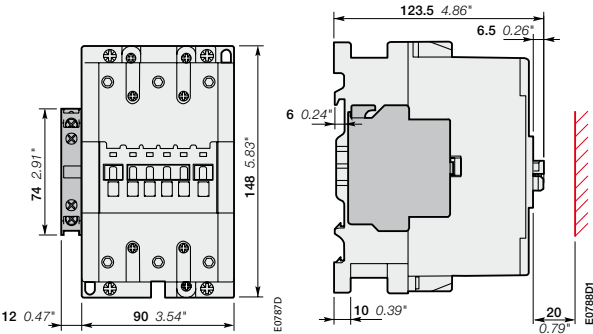
- 3 main poles
- control circuit: AC operated
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC		UL / CSA		Rated control circuit voltage Uc (1)		Auxiliary contacts fitted	Type	Order code	Weight
Rated operational power	Rated operational current θ ≤ 40 °C	3-phase motor rating 480 V	General use rating 600 V AC	V 50 Hz	V 60 Hz				
400 V AC-3	AC-1								Pkg (1 pce)
kW	A	hp	A						kg
45	145	60	125	24	24	1 1	A95-30-11	1SFL431001R8111	2.040
				48	48	1 1	A95-30-11	1SFL431001R8311	2.040
				110	110...120	1 1	A95-30-11	1SFL431001R8411	2.040
				220...230	230...240	1 1	A95-30-11	1SFL431001R8011	2.040
				230...240	240...260	1 1	A95-30-11	1SFL431001R8811	2.040
				380...400	400...415	1 1	A95-30-11	1SFL431001R8511	2.040
				400...415	415...440	1 1	A95-30-11	1SFL431001R8611	2.040
55	160	75	140	24	24	1 1	A110-30-11	1SFL451001R8111	2.040
				48	48	1 1	A110-30-11	1SFL451001R8311	2.040
				110	110...120	1 1	A110-30-11	1SFL451001R8411	2.040
				220...230	230...240	1 1	A110-30-11	1SFL451001R8011	2.040
				230...240	240...260	1 1	A110-30-11	1SFL451001R8811	2.040
				380...400	400...415	1 1	A110-30-11	1SFL451001R8511	2.040
				400...415	415...440	1 1	A110-30-11	1SFL451001R8611	2.040

(1) Other control voltages see voltage code table.

Main dimensions mm, inches

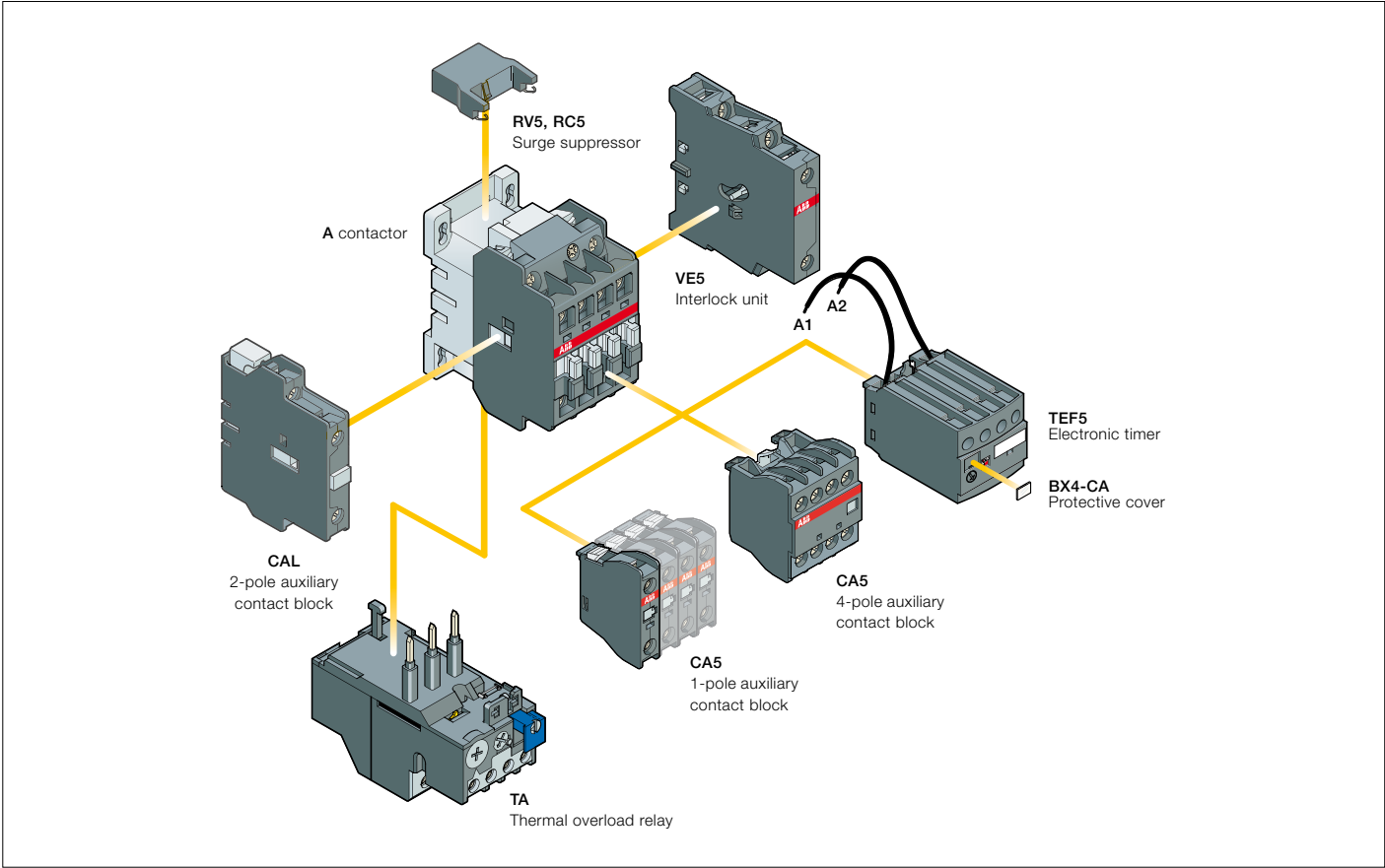


A95, A110

A9 ... A110 3-pole contactors

Main accessories

Contactor and main accessories (other accessories available)



Main accessory fitting details

Many configurations of accessories are possible depending on whether these are front-mounted or side-mounted.

Contactor types	Main poles	Built-in auxiliary contacts	Front-mounted accessories					Side-mounted accessories		
			Auxiliary contact blocks		Electronic timer			Auxiliary contact blocks		Interlock unit
			1-pole CA5	4-pole CA5	TEF5		2-pole CAL	VM5 or VE5		
A9 ... A26	3 0 3 0	1 0 0 1 (1)	1 to 4 x CA5	or 1 x CA5 (4-pole)	or 1 x TEF5	+	1 to 2 x CAL5-11	or 1 x VM5-1 or VE5-1 + 1 x CAL5-11		
A30, A40	3 0 3 0	1 0 0 1 (1)	1 to 5 x CA5	or 1 x CA5 (4-pole) + 1 x 1-pole CA5	or 1 x TEF5 + 1 x CA5 (1-pole)	+	1 to 2 x CAL5-11	or 1 x VM5-1 or VE5-1 + 1 x CAL5-11		
A50 ... A75	3 0	1 1	1 to 6 x CA5	or 1 x CA5 (4-pole) + 2 x 1-pole CA5	or 1 x TEF5 + 2 x CA5 (1-pole)	+	1 x CAL5-11	or 1 x VE5-2		
A95, A110	3 0	1 1	1 to 6 x CA5	or 1 x CA5 (4-pole) + 2 x 1-pole CA5	–	+	1 x CAL18-11	or 1 x VE5-2		

(1) 2 N.C. CA5 auxiliary contacts maximum in mounting position 5.

Overload relays fitting details (2)

Contactor types	Thermal overload relays
A9 ... A26	TA25DU-M (0.1...0.32 A)
A30, A40	TA25DU-M (0.1...0.32 A) or TA42DU-M (18...42 A)
A50 ... A75	TA75DU-M (18...80 A)
A95, A110	TA80DU (29...80 A) or TA110DU (65...110 A)

The addition of a thermal overload relay on the contactor does not prevent fitting of many other accessories as shown above.

(2) Direct mounting - No kit required.

A9 ... A110 3-pole contactors

Main accessories



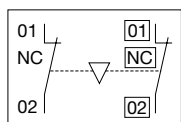
CA5-10



CAL5-11



VE5-1



VE5-1, VE5-2
Terminal marking and positioning



TEF5-OFF



RV5/50

Ordering details (1)

For contactors	Auxiliary contacts	Type	Order code	Pkg qty	Weight (1 pce)
					kg

Front-mounted instantaneous auxiliary contact blocks

A9 ... A110	1 -	CA5-10	1SBN010010R1010	10	0.014
	- 1	CA5-01	1SBN010010R1001	10	0.014
A9-30-10 ... A40-30-10	2 2	CA5-22M	1SBN010040R1122	2	0.060
A9-30-01 ... A40-30-01	2 2	CA5-22U	1SBN010040R1322	2	0.060
A50 ... A110	2 2	CA5-22E	1SBN010040R1022	2	0.060

Side-mounted instantaneous auxiliary contact block

A9 ... A75	1 1	CAL5-11	1SBN010020R1011	2	0.050
A95, A110	1 1	CAL18-11	1SFN010720R1011	2	0.050

Interlock units

A9 ... A40	Mechanical	- -	VM5-1	1SBN030100R1000	1	0.066
	Mechanical and electrical	- 2	VE5-1	1SBN030110R1000	1	0.076
A50 ... A110	Mechanical and electrical	- 2	VE5-2	1SBN030210R1000	1	0.146

For contactors	Time delay range selected by switch	Delay type	Auxiliary contacts	Type	Order code	Pkg qty	Weight (1 pce)
							kg

Electronic timers

A9 ... A75	0.1...1 s	ON-delay	1 1	TEF5-ON	1SBN020312R1000	1	0.065
	1...10 s	OFF-delay	1 1	TEF5-OFF	1SBN020314R1000	1	0.065
	10...100 s						

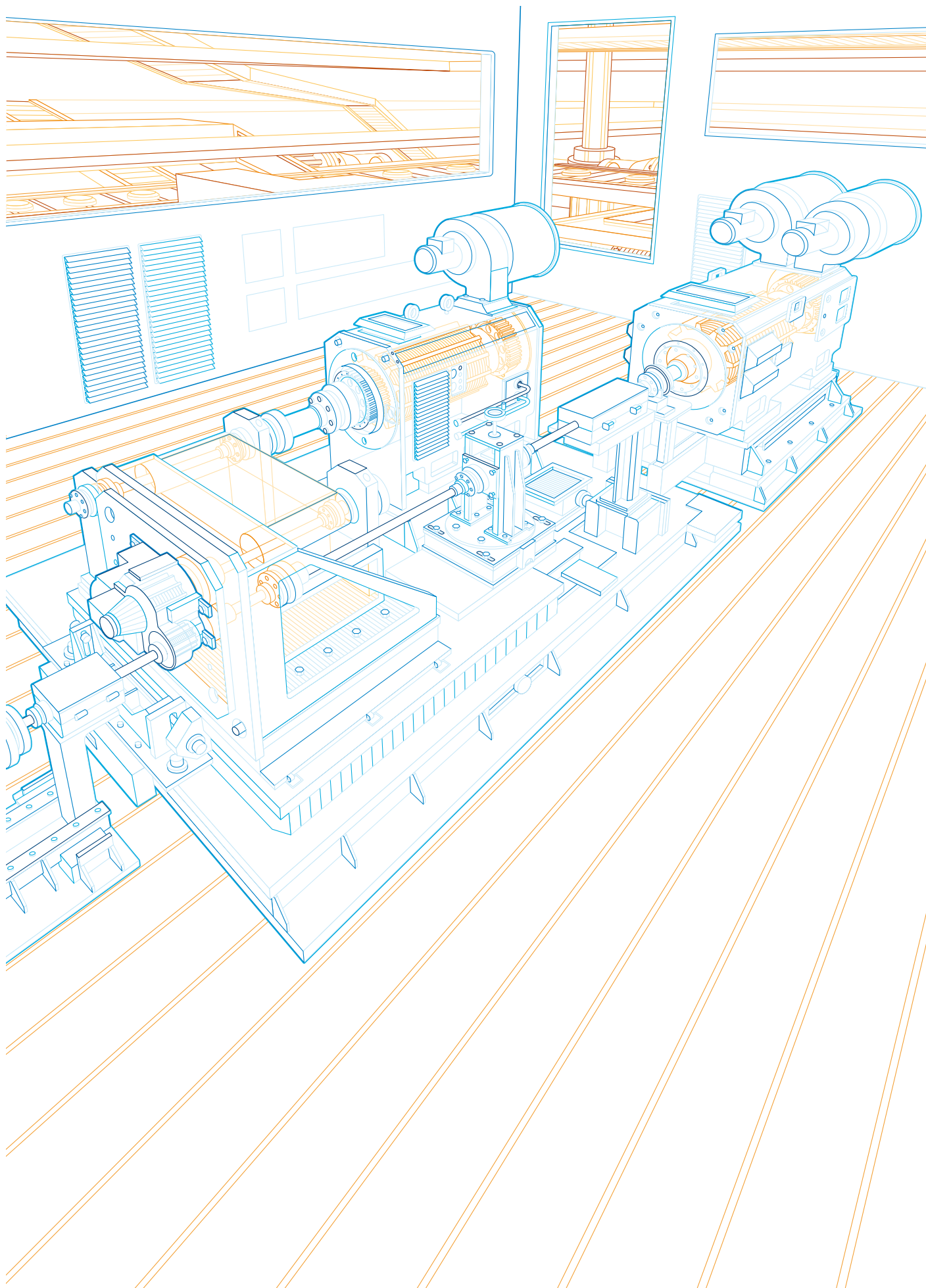
Note: Rated control circuit voltage U_c 24...240 V 50/60 Hz or DC.

For contactors	Rated control circuit voltage U_c	Type	Order code	Pkg qty	Weight (1 pce)
	V AC DC				kg

Surge suppressors

A9 ... A110	24...50	● ●	RV5/50	1SBN050010R1000	2	0.015
	50...133	● ●	RV5/133	1SBN050010R1001	2	0.015
	110...250	● ●	RV5/250	1SBN050010R1002	2	0.015
	250...440	● ●	RV5/440	1SBN050010R1003	2	0.015
A9 ... A40	24...50	● -	RC5-1/50	1SBN050100R1000	2	0.012
	50...133	● -	RC5-1/133	1SBN050100R1001	2	0.012
	110...250	● -	RC5-1/250	1SBN050100R1002	2	0.012
	250...440	● -	RC5-1/440	1SBN050100R1003	2	0.012
A50 ... A110	24...50	● -	RC5-2/50	1SBN050200R1000	2	0.015
	50...133	● -	RC5-2/133	1SBN050200R1001	2	0.015
	110...250	● -	RC5-2/250	1SBN050200R1002	2	0.015
	250...440	● -	RC5-2/440	1SBN050200R1003	2	0.015

(1) See "Main accessory fitting details" table.



A145 ... A300 3-pole contactors

75 to 160 kW

AC operated



A185-30-11



A300-30-11

Description

A145 ... A300 contactors are mainly used for controlling 3-phase motors and power circuits up to 690 / 1000 V AC (2) or 220 V DC.

These contactors are of the block type design with:

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

Ordering details

IEC		UL / CSA		Rated control circuit voltage Uc (1)		Auxiliary contacts fitted	Type	Order code	Weight
Rated operational power	Rated operational current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating	V 50 Hz	V 60 Hz				
400 V AC-3	690 V AC-1	480 V	600 V AC						Pkg (1 pce)
kW	A	hp	A						kg
75	250	100	230	24	24	1 1	A145-30-11	1SFL471001R8111	3.500
				48	48	1 1	A145-30-11	1SFL471001R8311	3.500
				110	110...120	1 1	A145-30-11	1SFL471001R8411	3.500
				220...230	230...240	1 1	A145-30-11	1SFL471001R8011	3.500
				230...240	240...260	1 1	A145-30-11	1SFL471001R8811	3.500
				380...400	400...415	1 1	A145-30-11	1SFL471001R8511	3.500
				400...415	415...440	1 1	A145-30-11	1SFL471001R8611	3.500
90	275	125	250	24	24	1 1	A185-30-11	1SFL491001R8111	3.500
				48	48	1 1	A185-30-11	1SFL491001R8311	3.500
				110	110...120	1 1	A185-30-11	1SFL491001R8411	3.500
				220...230	230...240	1 1	A185-30-11	1SFL491001R8011	3.500
				230...240	240...260	1 1	A185-30-11	1SFL491001R8811	3.500
				380...400	400...415	1 1	A185-30-11	1SFL491001R8511	3.500
				400...415	415...440	1 1	A185-30-11	1SFL491001R8611	3.500
110	350	150	300	24	24	1 1	A210-30-11	1SFL511001R8111	6.100
				48	48	1 1	A210-30-11	1SFL511001R8311	6.100
				110	110...120	1 1	A210-30-11	1SFL511001R8411	6.100
				220...230	230...240	1 1	A210-30-11	1SFL511001R8011	6.100
				230...240	240...260	1 1	A210-30-11	1SFL511001R8811	6.100
				380...400	400...415	1 1	A210-30-11	1SFL511001R8511	6.100
				400...415	415...440	1 1	A210-30-11	1SFL511001R8611	6.100
140	400	200	350	24	24	1 1	A260-30-11	1SFL531001R8111	6.100
				48	48	1 1	A260-30-11	1SFL531001R8311	6.100
				110	110...120	1 1	A260-30-11	1SFL531001R8411	6.100
				220...230	230...240	1 1	A260-30-11	1SFL531001R8011	6.100
				230...240	240...260	1 1	A260-30-11	1SFL531001R8811	6.100
				380...400	400...415	1 1	A260-30-11	1SFL531001R8511	6.100
				400...415	415...440	1 1	A260-30-11	1SFL531001R8611	6.100
160	500	250	400	24	24	1 1	A300-30-11	1SFL551001R8111	6.100
				48	48	1 1	A300-30-11	1SFL551001R8311	6.100
				110	110...120	1 1	A300-30-11	1SFL551001R8411	6.100
				220...230	230...240	1 1	A300-30-11	1SFL551001R8011	6.100
				230...240	240...260	1 1	A300-30-11	1SFL551001R8811	6.100
				380...400	400...415	1 1	A300-30-11	1SFL551001R8511	6.100
				400...415	415...440	1 1	A300-30-11	1SFL551001R8611	6.100

(1) Other control voltages see voltage code table.
(2) 690 V AC for A210 ... A300, 1000 V AC for A145, A185.

Main dimensions mm, inches



A145, A185

A210, A260, A300