



## ABB Contactor Quick Reference Guide

UL/CSA		UL/CSA				Built In Aux Contacts		Catalog Number 20-60V DC / 24-60V AC	Catalog Number 100-250V AC / 100-250V DC
AC-1	AC-3	Motor Ratings, HP				N.O.	N.C.		
A	A	120 V	240 V	240 V	480 V				


### Non-Reversing Contactors

	25	9	0.75	1.5	2	5	1	0	AF09Z-30-10-21	AF09-30-10-13
	28	12	1	2	3	7.5	1	0	AF12Z-30-10-21	AF12-30-10-13
	30	18	1.5	3	5	10	1	0	AF16Z-30-10-21	AF16-30-10-13
	45	26	2	3	7.5	15	0	0	AF26Z-30-00-21	AF26-30-00-13
	50	32	2	5	10	20	0	0	AF30Z-30-00-21	AF30-30-00-13




### Reversing Contactors

	25	9	0.75	1.5	2	5	1	1	AF09ZR-30-22-21	AF09R-30-22-13
	28	12	1	2	3	7.5	1	1	AF12ZR-30-22-21	AF12R-30-22-13
	30	18	1.5	3	5	10	1	1	AF16ZR-30-22-21	AF16R-30-22-13
	45	26	2	3	7.5	15	0	1	AF26ZR-30-02-21	AF26R-30-02-13
	50	32	2	5	10	20	0	1	AF30ZR-30-02-21	AF30R-30-02-13

### Control Relays



	Pilot Duty Rating UL - A600 / CSA Q600  UL - 600V @ 10Amp IEC 690V @ 16Amp	2 NO	2 NC	NFZ22E-21	NF22E-13
		3 NO	1 NC	NFZ31E-21	NF31E-13
		4 NO	0 NC	NFZ40E-21	NF40E-13
		4 NO	4 NC	NFZ44E-21	NF44E-13
		5 NO	3 NC	NFZ53E-21	NF53E-13
		6 NO	2 NC	NFZ62E-21	NF62E-13
		7 NO	1 NC	NFZ71E-21	NF71E-13
		8 NO	0 NC	NFZ80E-21	NF80E-13

### AUX Contact Blocks


	Side mount auxiliary contact block	1 NO	1 NC	CAL4-11
	Front mount auxiliary contact block	1 NO		CA4-10
			1 NC	CA4-01
	Front mount auxiliary contact block (for Contactors)	2 NO	2 NC	CA4-22M
	Front mount auxiliary contact block (Control Relays)			CA4-22N

### Reversing Contactor KIT

(requires two AF Series Contactors, a VEM4 Interlock, and BER16-4 or BER38-4 Line Side Kit)

	Mechanical and electrical interlock set for the interlocking of two AF contactors	AF09...AF30	VEM4
	Line side connection sets for reversing contactors	AF09...AF16	BER16-4
		AF26...AF30	BER38-4

### Protective Safety Covers - Protects Against Manual Actuation

	Control Relay / Contactor Cover	AF/NF series	BX4
	Auxiliary Block (Front Mount - 4 Pole) Cover	CA4 (4pole)	BX4-CA

Coil Technical Data

Standard Coils (-11) (-13) AC: Pull-in 50 VA, Hold-in 2.2 VA DC: Pull-in 50 W, Hold-in 2 W  
 Low Consumption (-21) AC: Pull-in 16 VA, Hold-in 1.7 VA DC: Pull-in 12...16 W, Hold-in 1.7 W

For more info on the ABB Star Line Series of Contactors, Control Relays, Overloads, Manual Motor Starters:

[Star Line Series Catalog Download](#)