

AF09Z ... AF38Z 3-pole contactors

5 to 20 hp at 480 V AC

AC / DC operated - low consumption



AF09Z-30-10



AF26Z-30-00

Description

AF09Z ... AF38Z contactors are mainly used for controlling 3-phase motors and power circuits up to 690 V AC and 220 V DC. These contactors are of the block type design with 3 main poles.

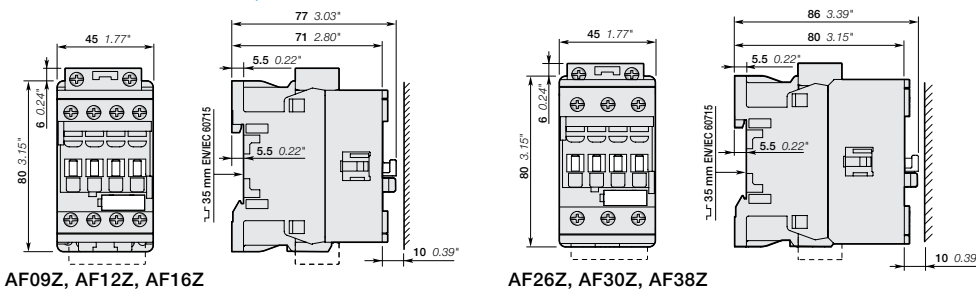
- control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 control voltage ranges covering 24...250 V 50/60 Hz and 12...250 V DC
- can manage large control voltage variations
- allow direct control by PLC-output ≥ 24 V DC 500 mA
- reduced panel energy consumption
- very distinct closing and opening
- can withstand short voltage dips and voltage sags (SEMI F47-0706 conditions of use on request).
- built-in surge suppression
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

Ordering details

IEC Rated operational power	UL/CSA 3-phase motor rating 480 V	General use rating 600 V AC	Rated control circuit voltage Uc min. ... Uc max. (1)		Auxiliary contacts fitted	Catalog number	Global reference code	Weight Pkg (1 pce) kg										
			V 50/60 Hz	V DC														
400 V AC-3 kW	AC-1 A	hp	A	V 50/60 Hz	V DC													
									4	25	5	25	-	12...20	1 0	AF09Z-30-10-20	1SBL136001R2010	0.310
													24...60	20...60	0 1	AF09Z-30-01-20	1SBL136001R2001	0.310
															1 0	AF09Z-30-10-21	1SBL136001R2110	0.310
															0 1	AF09Z-30-01-21	1SBL136001R2101	0.310
													48...130	48...130	1 0	AF09Z-30-10-22	1SBL136001R2210	0.310
															0 1	AF09Z-30-01-22	1SBL136001R2201	0.310
													100...250	100...250	1 0	AF09Z-30-10-23	1SBL136001R2310	0.310
															0 1	AF09Z-30-01-23	1SBL136001R2301	0.310
															1 0	AF12Z-30-10-20	1SBL156001R2010	0.310
															0 1	AF12Z-30-01-20	1SBL156001R2001	0.310
													24...60	20...60	1 0	AF12Z-30-10-21	1SBL156001R2110	0.310
						0 1	AF12Z-30-01-21	1SBL156001R2101	0.310									
				48...130	48...130	1 0	AF12Z-30-10-22	1SBL156001R2210	0.310									
						0 1	AF12Z-30-01-22	1SBL156001R2201	0.310									
				100...250	100...250	1 0	AF12Z-30-10-23	1SBL156001R2310	0.310									
						0 1	AF12Z-30-01-23	1SBL156001R2301	0.310									
						1 0	AF16Z-30-10-20	1SBL176001R2010	0.310									
						0 1	AF16Z-30-01-20	1SBL176001R2001	0.310									
				24...60	20...60	1 0	AF16Z-30-10-21	1SBL176001R2110	0.310									
						0 1	AF16Z-30-01-21	1SBL176001R2101	0.310									
				48...130	48...130	1 0	AF16Z-30-10-22	1SBL176001R2210	0.310									
						0 1	AF16Z-30-01-22	1SBL176001R2201	0.310									
				100...250	100...250	1 0	AF16Z-30-10-23	1SBL176001R2310	0.310									
						0 1	AF16Z-30-01-23	1SBL176001R2301	0.310									
						0 0	AF26Z-30-00-20	1SBL236001R2000	0.350									
				24...60	20...60	0 0	AF26Z-30-00-21	1SBL236001R2100	0.350									
				48...130	48...130	0 0	AF26Z-30-00-22	1SBL236001R2200	0.350									
				100...250	100...250	0 0	AF26Z-30-00-23	1SBL236001R2300	0.350									
						0 0	AF30Z-30-00-20	1SBL276001R2000	0.350									
				24...60	20...60	0 0	AF30Z-30-00-21	1SBL276001R2100	0.350									
				48...130	48...130	0 0	AF30Z-30-00-22	1SBL276001R2200	0.350									
				100...250	100...250	0 0	AF30Z-30-00-23	1SBL276001R2300	0.350									
						0 0	AF38Z-30-00-20	1SBL296001R2000	0.350									
				24...60	20...60	0 0	AF38Z-30-00-21	1SBL296001R2100	0.350									
				48...130	48...130	0 0	AF38Z-30-00-22	1SBL296001R2200	0.350									
				100...250	100...250	0 0	AF38Z-30-00-23	1SBL296001R2300	0.350									

(1) Note: Only AF.Z contactors with DC control voltage 12...20 V DC need to respect the connection polarities indicated close to the coil terminals: A1+ for the positive pole and A2- for the negative pole.

Main dimensions mm, inches



AF09Z, AF12Z, AF16Z

AF26Z, AF30Z, AF38Z