

AF09Z ... AF38Z 3-pole contactors

4 to 18.5 kW

24 V DC operated designed for PLC



AF09Z-30-10



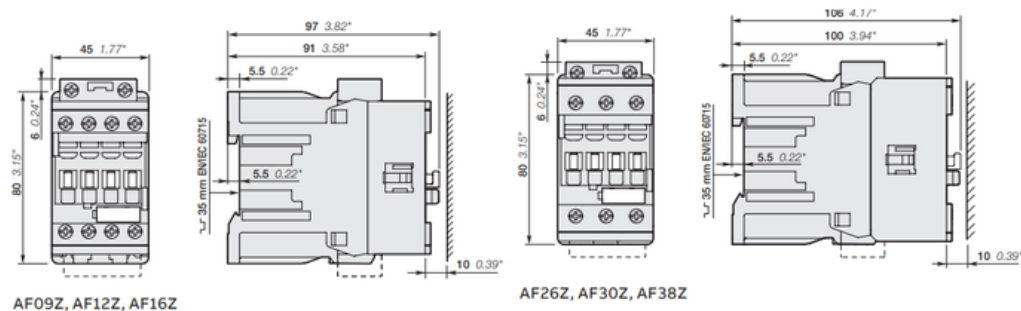
AF26Z-30-00

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: 24 V DC operated with electronic coil interface allowing low holding consumption up to 1.7 W and reduced panel energy consumption
 - allow direct control by PLC-output ≥ 250 mA 24 V DC
 - very distinct closing and opening
- built-in surge suppression
- add-on auxiliary contact blocks for front or side mounting and a wide range of accessories.

IEC		UL/CSA		Rated control circuit voltage Uc	Auxiliary contacts fitted	Type	Order code	Weight Pkg (1 pce) kg
Rated operational power 400 V AC-3 kW	current $\theta \leq 40^\circ\text{C}$ AC-1 A	3-phase motor rating 480 V hp	General use rating 600 V AC A					
4	25	5	25	24	1 0	AF09Z-30-10-30	1SBL136001R3010	0.430
					0 1	AF09Z-30-01-30	1SBL136001R3001	0.430
5.5	28	7.5	28	24	1 0	AF12Z-30-10-30	1SBL156001R3010	0.430
					0 1	AF12Z-30-01-30	1SBL156001R3001	0.430
7.5	30	10	30	24	1 0	AF16Z-30-10-30	1SBL176001R3010	0.430
					0 1	AF16Z-30-01-30	1SBL176001R3001	0.430
11	45	15	45	24	0 0	AF26Z-30-00-30	1SBL236001R3000	0.480
15	50	20	50	24	0 0	AF30Z-30-00-30	1SBL276001R3000	0.480
18.5	50	25	50	24	0 0	AF38Z-30-00-30	1SBL296001R3000	0.480

Note: AF..Z contactors with DC control voltage 24 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.



AF09Z ... AF38Z 3-pole contactors

4 to 18.5 kW

AC / DC operated for specific applications



AF09Z-30-10



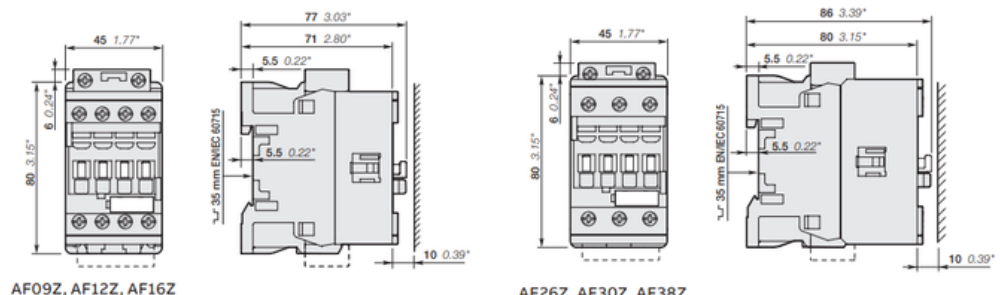
AF26Z-30-00

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.

IEC Rated operational power	UL/CSA 3-phase motor rating 480 V	General use rating 600 V AC	Rated control circuit voltage		Auxiliary contacts fitted	Type	Order code	Weight Pkg (1 pce) kg	
			current $\theta \leq 40^\circ\text{C}$	Uc min. ... Uc max.					V 50/60 Hz
400 V AC-3 kW	AC-1 A	hp	A						
4	25	5	25	-	12...20	1 0	AF09Z-30-10-20	1SBL136001R2010	0.310
				0 1	AF09Z-30-01-20	1SBL136001R2001	0.310		
				24...60	20...60	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		
5.5	28	7.5	28	-	12...20	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		
7.5	30	10	30	-	12...20	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		
11	45	15	45	-	12...20	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
				-	12...20	0 0	AF30Z-30-00-20	1SBL276001R2000	0.350
15	50	20	50	-	12...20	0 0	AF30Z-30-00-21	1SBL276001R2100	0.350
				24...60	20...60	0 0	AF30Z-30-00-22	1SBL276001R2200	0.350
				48...130	48...130	0 0	AF30Z-30-00-23	1SBL276001R2300	0.350
				100...250	100...250	0 0	AF38Z-30-00-20	1SBL296001R2000	0.350
				24...60	20...60	0 0	AF38Z-30-00-21	1SBL296001R2100	0.350
18.5	50	25	50	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

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.



AF09Z, AF12Z, AF16Z

AF26Z, AF30Z, AF38Z