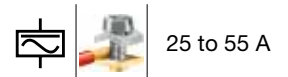


AF09 ... AF38 4-pole Contactors - AF..Z Additional Coils

AC / DC Operated - with Screw Terminals



25 to 55 A



Application

AF09Z ... AF38Z 4-pole contactors are used for controlling power circuits up to 600 V AC and 240 V DC. They are mainly used for controlling non-inductive or slightly inductive loads (i.e. resistance furnaces...).

Description

- **AF09Z ... AF38Z** contactors include an electronic coil interface accepting a wide control voltage U_c min. ... U_c max and managing large control voltage variations.
- **AF..Z** contactors cover control voltages between 24...250 V 50/60 Hz or 12...250 V DC
- **AF..Z** contactors allow direct control by PLC-output ≥ 24 V DC 500 mA and obtain a reduced holding coil consumption.
- **AF..Z** contactors withstand short dips and voltage interruptions (SEMI F47-0706 compliance)
- **AF..Z** contactors have built-in surge protection and do not require additional surge suppressors.

Ordering Details

IEC	UL/CSA	Control voltage		Auxiliary contacts fitted	Catalog number	List price	Weight
AC-1 Rated current	General use rating	U_c min. ... U_c max.					Pack ^(ing)
$\theta \leq 40^\circ\text{C}$ A	600 V AC A	V 50/60 Hz	V DC				1 piece kg/lbs

4 N.O. Main Poles

Rated current (A)	UL/CSA rating (A)	Control voltage (V 50/60 Hz)	Control voltage (V DC)	Auxiliary contacts (NO/NC)	Catalog number	Weight (kg/lbs)
25	25	-	12...20	0 0	AF09Z-40-00-20	0.31/0.68
		24...60	20...60	0 0	AF09Z-40-00-21	0.31/0.68
		48...130	48...130	0 0	AF09Z-40-00-22	0.31/0.68
		100...250	100...250	0 0	AF09Z-40-00-23	0.31/0.68
30	30	-	12...20	0 0	AF16Z-40-00-20	0.31/0.68
		24...60	20...60	0 0	AF16Z-40-00-21	0.31/0.68
		48...130	48...130	0 0	AF16Z-40-00-22	0.31/0.68
		100...250	100...250	0 0	AF16Z-40-00-23	0.31/0.68
45	45	-	12...20	0 0	AF26Z-40-00-20	0.36/0.79
		24...60	20...60	0 0	AF26Z-40-00-21	0.36/0.79
		48...130	48...130	0 0	AF26Z-40-00-22	0.36/0.79
		100...250	100...250	0 0	AF26Z-40-00-23	0.40/0.88
55	55	-	12...20	0 0	AF38Z-40-00-20	0.36/0.79
		24...60	20...60	0 0	AF38Z-40-00-21	0.36/0.79
		48...130	48...130	0 0	AF38Z-40-00-22	0.36/0.79
		100...250	100...250	0 0	AF38Z-40-00-23	0.40/0.88

2 N.O. + 2 N.C. Main Poles

Rated current (A)	UL/CSA rating (A)	Control voltage (V 50/60 Hz)	Control voltage (V DC)	Auxiliary contacts (NO/NC)	Catalog number	Weight (kg/lbs)
25	25	-	12...20	0 0	AF09Z-22-00-20	0.31/0.68
		24...60	20...60	0 0	AF09Z-22-00-21	0.31/0.68
		48...130	48...130	0 0	AF09Z-22-00-22	0.31/0.68
		100...250	100...250	0 0	AF09Z-22-00-23	0.31/0.68
30	30	-	12...20	0 0	AF16Z-22-00-20	0.31/0.68
		24...60	20...60	0 0	AF16Z-22-00-21	0.31/0.68
		48...130	48...130	0 0	AF16Z-22-00-22	0.31/0.68
		100...250	100...250	0 0	AF16Z-22-00-23	0.31/0.68
45	45	-	12...20	0 0	AF26Z-22-00-20	0.36/0.79
		24...60	20...60	0 0	AF26Z-22-00-21	0.36/0.79
		48...130	48...130	0 0	AF26Z-22-00-22	0.36/0.79
		100...250	100...250	0 0	AF26Z-22-00-23	0.40/0.88
55	55	-	12...20	0 0	AF38Z-22-00-20	0.36/0.79
		24...60	20...60	0 0	AF38Z-22-00-21	0.36/0.79
		48...130	48...130	0 0	AF38Z-22-00-22	0.36/0.79
		100...250	100...250	0 0	AF38Z-22-00-23	0.40/0.88

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