

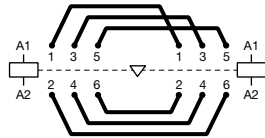
AF09R ... AF30R 3-pole reversing contactors

5 to 20 hp at 480 V AC

AC / DC operated



AF09R-30-22



Power bus diagram

Description

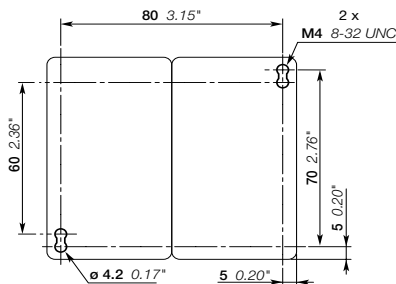
- AF09R ... AF30R reversing contactors are mainly used for directionally controlling 3-phase motor circuits up to 690V AC. These devices include two 3-pole contactors, a mechanical and electrical interlock, power bus (see diagram to the left), and are assembled using fixing clips.
- **Note: for mechanically and electrically interlocked devices without power bus, replace the R in the catalog number with an M (ie. AF09R-30-22-13 becomes AF09M-30-22-13).**
- 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...500V 50/60 Hz and 20...500 V DC
 - can manage large control voltage variations
 - reduced panel energy consumption
 - 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.

Ordering details

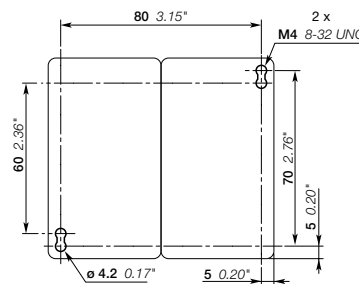
IEC		UL/CSA		Rated control circuit voltage		Auxiliary contacts fitted		Catalog number	Global reference code (3)	Weight Pkg (1 pce)
Rated operational power	Rated operational current $\theta \leq 40^\circ\text{C}$	3-phase motor rating	General use rating	Uc min. ... Uc max.						
400 V AC-3	AC-1	480 V	600 V AC	V 50/60 Hz	V DC					kg
4	25	5	25	24...60	-	(1)	2 2	AF09R-30-22-41		0.622
				48...130	48...130	2 2	AF09R-30-22-12		0.622	
				100...250	100...250	2 2	AF09R-30-22-13		0.622	
				250...500	250...500	2 2	AF09R-30-22-14		0.702	
5.5	28	7.5	28	24...60	-	(1)	2 2	AF12R-30-22-41		0.622
				48...130	48...130	2 2	AF12R-30-22-12		0.622	
				100...250	100...250	2 2	AF12R-30-22-13		0.622	
				250...500	250...500	2 2	AF12R-30-22-14		0.702	
7.5	30	10	30	24...60	-	(1)	2 2	AF16R-30-22-41		0.622
				48...130	48...130	2 2	AF16R-30-22-12		0.622	
				100...250	100...250	2 2	AF16R-30-22-13		0.622	
				250...500	250...500	2 2	AF16R-30-22-14		0.702	
11	45	15	45	24...60	-	(1)	0 2	AF26R-30-02-41		0.757
						2 2	AF26R-30-22-41		0.785	
				48...130	48...130	0 2	AF26R-30-02-12		0.757	
						2 2	AF26R-30-22-12		0.785	
				100...250	100...250	0 2	AF26R-30-02-13		0.757	
						2 2	AF26R-30-22-13		0.785	
				250...500	250...500	0 2	AF26R-30-02-14		0.837	
						2 2	AF26R-30-22-14		0.865	
15	50	20	50	24...60	-	(1)	0 2	AF30R-30-02-41		0.757
						2 2	AF30R-30-22-41		0.785	
				48...130	48...130	0 2	AF30R-30-02-12		0.757	
						2 2	AF30R-30-22-12		0.785	
				100...250	100...250	0 2	AF30R-30-02-13		0.757	
						2 2	AF30R-30-22-13		0.785	
				250...500	250...500	0 2	AF30R-30-02-14		0.837	
						2 2	AF30R-30-22-14		0.865	

(1) For 24...60 V 50/60 Hz - 20...60 V DC, use AF.-30.-11 (see voltage code table). AF.-30.-11 not suitable for direct control by PLC-output.
 (2) Normally closed contacts included as part of the electrical interlock. Normally open auxiliaries are either integral or front-mount.
 (3) Available in the US and Canada only.

Mounting dimensions mm, inches



AF09R, AF12R, AF16R



AF26R, AF30R