

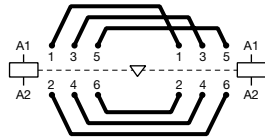
AF09R ... AF30R 3-pole reversing contactors

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

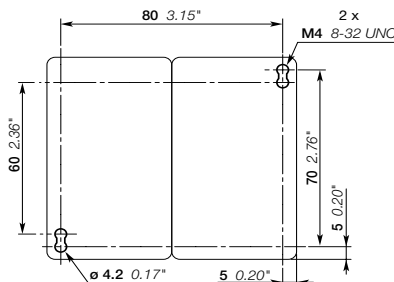
IEC		UL/CSA		Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted	Catalog number	Global reference code (3)	Weight Pkg (1 pce) kg
Rated operational power kW	Rated operational current $\theta \leq 40^\circ\text{C}$ A	3-phase motor rating 480 V hp	General use rating 600 V AC A	V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

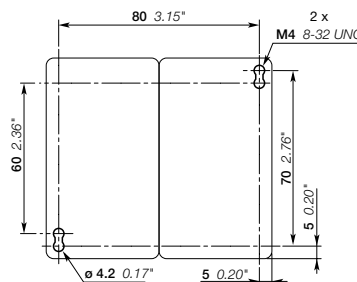
(2) Normally closed contacts included as part of the electrical interlock. Normally open auxiliaries are either integral or front-mount.

(3) Available in the US and Canada only.

Mounting dimensions mm, inches



AF09R, AF12R, AF16R



AF26R, AF30R