

AF460N6 & AF750N7 3-pole NEMA rated reversing contactors

Sizes 6 & 7

AC / DC operated



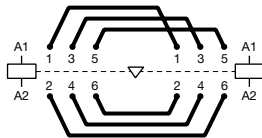
AF460N6R-11

Description

AF460N6 and AF750N7 NEMA rated contactors are mainly used for directionally controlling 3-phase motor circuits up to 575V AC. These devices include two 3-pole contactors, a mechanical interlock, side-mounted auxiliary contacts for electrical interlocking, power bus (see diagram to the left), and are mounted on a back-plate.

Note: for mechanically and electrically interlocked devices without power bus, replace the R in the catalog number with an M (ie. AF460N6R-11-70 becomes AF460N6M-11-70).

- 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 coils to cover control voltages between 48...500 V 50/60 Hz and 24...500 V DC
- can manage large control voltage variations
- 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



Power bus diagram

Ordering details

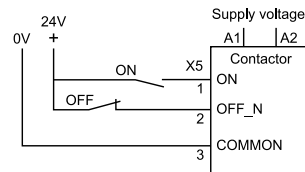
NEMA Size	Continuous current	3-phase motor rating		Rated control circuit voltage		Auxiliary contacts fitted (2)	Catalog number	Global reference code (2)	Weight Pkg (1 pce) kg (3)
		230V	460/575	Uc min. ... Uc max.	Uc min. ... Uc max.				
6	A	200	400	V 50/60 Hz		2 2	AF460N6R-11-68		
				24...60 (1)					
				48...130					
				100...250					
7	810	300	600	V 50/60 Hz		2 2	AF750N7R-11-68		
				24...60 (1)					
				48...130					
				100...250					
		V DC							
				250...500		2 2		AF460N6R-11-71	
				250...500		2 2		AF750N7R-11-71	

(1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative.

(2) Available in the US and Canada only.

(3) Available upon request.

Control inputs



Mounting dimensions mm, inches (upon request)