

AF140N4R & AF265N5R 3-pole NEMA rated reversing contactors

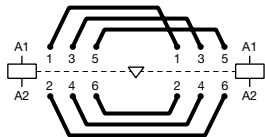
Sizes 4 & 5

AC / DC operated

2



AF140N4R-30-22



Power bus diagram

Description

AF140N4 and AF265N5 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. AF140N4R-30-22-13 becomes AF140N4M-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
 - 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 side mounting and a wide range of accessories

Ordering details

NEMA Size	Continuous current	3-phase motor rating		Rated control circuit voltage Uc min. ... Uc max.		Auxiliary contacts fitted (2)		Catalog number	Global reference code (1)	Weight Pkg (1 pce)
		230V	460/575	V 50/60 Hz	V DC					
4	135	50	100	24...60	20...60	2	2	AF140N4R-3022-11		
				48...130	48...130	2	2	AF140N4R-3022-12		
				100...250	100...250	2	2	AF140N4R-3022-13		
				250...500	250...500	2	2	AF140N4R-3022-14		
5	270	100	200	24...60	20...60	2	2	AF265N5R-3022-11		
				48...130	48...130	2	2	AF265N5R-3022-12		
				100...250	100...250	2	2	AF265N5R-3022-13		
				250...500	250...500	2	2	AF265N5R-3022-14		

(1) Available in the US and Canada only.
(2) Available upon request.

Mounting dimensions mm, inches (upon request)