

AF460N6 & AF750N7 3-pole NEMA rated contactors

Sizes 6 & 7

AC / DC operated with 1 N.O. + 1 N.C. auxiliary contacts

2



AF460N6-30-11



AF750N7-30-11

Description

AF460N6 and AF750N7 NEMA rated contactors are mainly used for controlling 3-phase motor circuits up to 575V AC. These contactors are of the block type design with 3 main poles.

- 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 side mounting and a wide range of accessories.

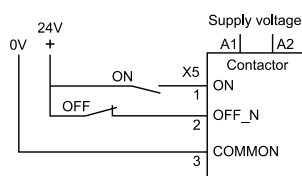
Ordering details

NEMA				Rated control circuit voltage		Auxiliary contacts fitted	Catalog number	Global reference code (2)	Weight Pkg (1 pce)
Size	Continuous current	3-phase motor rating		Uc min. ... Uc max.					
	A	hp	230 V 460/575V	V 50/60 Hz	V DC				kg
6	540	200	400	-	24...60 (1)	1 1	AF460N6-3011-68		12.000
				48...130	48...130	1 1	AF460N6-3011-69		12.000
				100...250	100...250	1 1	AF460N6-3011-70		12.000
				250...500	250...500	1 1	AF460N6-3011-71		12.000
7	810	300	600	-	24...60 (1)	1 1	AF750N7-3011-68		15.000
				48...130	48...130	1 1	AF750N7-3011-69		15.000
				100...250	100...250	1 1	AF750N7-3011-70		15.000
				250...500	250...500	1 1	AF750N7-3011-71		15.000

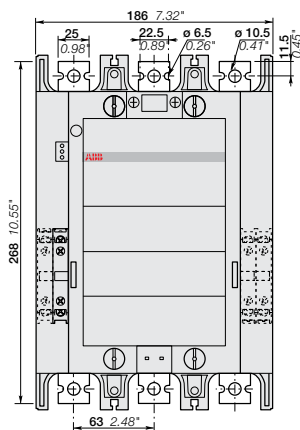
(1) The connection polarities indicated close to the coil terminals must be respected: A1 for the positive pole and A2 for the negative.

(2) Available in the US and Canada only.

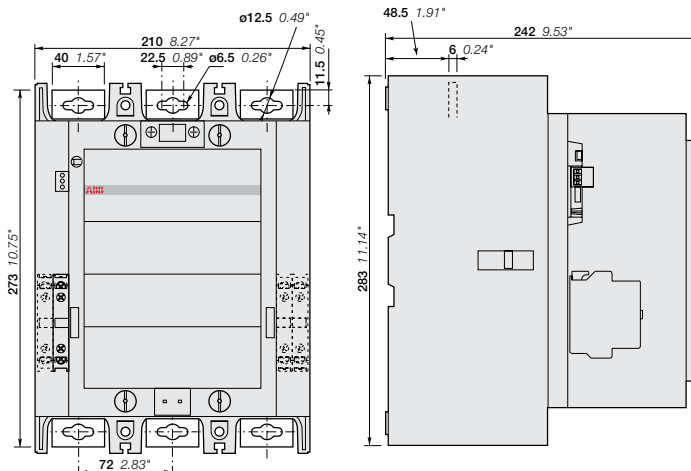
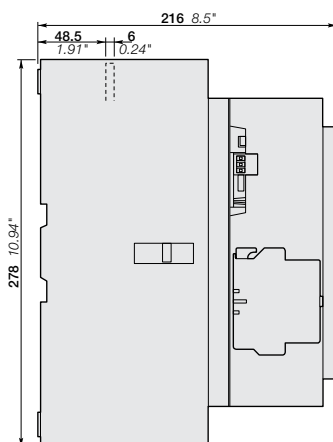
Control inputs



Main dimensions mm, inches



AF460N6



AF750N7