

AF / AFZ NEMA rated, mech. interlocked, reversing, 3P Class A controllers Sizes 00...7 Electronic AC/DC operated coils

Across the line
1



AF09N00R...AF16N0R

Electrical ratings ①②

NEMA ICS 2-2000 (R2005)



NEMA size	Continuous current rating (A)	AC motor ratings, breaking all lines, Three phase, 60 Hz (hp)			Standard auxiliary contacts		Catalog number ②	Standard auxiliary contacts		Catalog number ②
		200V	230V	460...575V	NO	NC		NO	NC	

Type AF

00	9	1.5	1.5	2	2	2	AF09N00M-3022-Δ	2	2	AF09N00R-3022-Δ
0	18	3	3	5	2	2	AF12N0M-3022-Δ	2	2	AF12N0R-3022-Δ
1	27	7.5	7.5	10	-	2	AF26N1M-3002-Δ	-	2	AF26N1R-3002-Δ
2	45	10	15	25	2	2	AF50N2M-3011-Δ	2	2	AF50N2R-3011-Δ
3	90	25	30	50	2	2	AF75N3M-3011-Δ	2	2	AF75N3R-3011-Δ
4	135	40	50	100	2	2	AF145N4M-11-Δ	2	2	AF145N4R-11-Δ
5	270	75	100	200	2	2	AF260N5M-11-Δ	2	2	AF260N5R-11-Δ
6	540	150	200	400	2	2	AF460N6M-11-Δ	2	2	AF460N6R-11-Δ
7	810	-	300	600	2	2	AF750N7M-11-Δ	2	2	AF750N7R-11-Δ

Type AFZ, low-consumption coils

00	9	1.5	1.5	2	2	2	AF09N00MZ-3022-Δ	2	2	AF09N00RZ-3022-Δ
0	18	3	3	5	2	2	AF12N0MZ-3022-Δ	2	2	AF12N0RZ-3022-Δ
1	27	7.5	7.5	10	-	2	AF26N1MZ-3002-Δ	-	2	AF26N1RZ-3002-Δ

Coil voltage selection chart (Δ)

Rated control circuit voltage U _c 3	AF09N00... AF26N1	AF09N00Z... AF26N1Z	AF50N2... AF260N5	AF460N6... AF750N7
12...20V DC	-	20	-	-
20...60V DC	11	21	72	-
24...60V AC	11	21	-	-
24...60V DC	-	-	-	68
48...130V AC/DC	12	22	69	69
100...250 V AC/DC	13	23	70	70
250...500 V AC/DC	14	-	-	71

Example(s):

24V DC input voltage: AF26N1R-3002-11

120V AC input voltage: AF750N7R-11-70

Reversing vs. mechanically interlocked

Full voltage reversing contactors are pre-assembled using two (2) contactors, a mechanical interlock, an electrical interlock, and reversing busbars. Mechanically interlocked contactors are offered less the reversing bus.

① For selection purposes, for complete electrical ratings, see Technical Data.

② For ratings according to IEC/EN 60947-4-1, refer to AF NEMA rated, non-reversing selection table or Technical Data.

③ AF09N00R(M)...AF26N1R(M) assembled using connection clips, AF50N2R(M)...AF750N7R(M) mounted on common baseplate.

④ AC coil input voltage(s) at 50/60 Hz unless specified.