

AF09N00Z ... AF26N1Z 3-pole NEMA rated contactors

Sizes 00 to 1

AC / DC operated - low consumption

2



AF09N00Z-30-10



AF26N1Z-30-00

Description

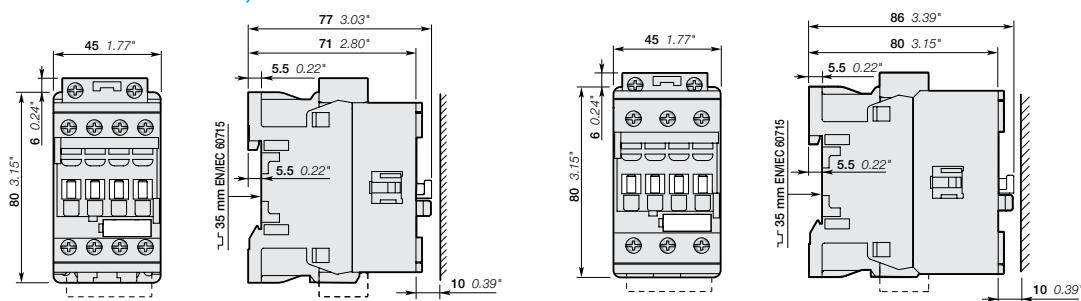
- AF09N00 ... AF26N1 NEMA rated contactors are mainly used for controlling 3-phase motor circuits up to 575V AC. These contactors are of the block type design with 3 main poles.
- Control circuit: AC or DC operated with electronic coil interface accepting a wide control voltage range (e.g. 100...250 V AC and DC), only 4 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

| NEMA | | | | Rated control circuit voltage Uc min. ... Uc max. | | Auxiliary contacts fitted | Catalog number | Global reference code (2) | Weight Pkg (1 pce) kg |
|------|--------------------|----------------------|----------|--|-------------|---------------------------|-------------------|---------------------------|-----------------------------|
| Size | Continuous current | 3-phase motor rating | | V 50/60 Hz | V DC | | | | |
| | A | hp | hp | | | | | | |
| | | 230 V | 460/575V | | | | | | |
| 0 | 9 | 1.5 | 25 | - | 12...20 (1) | 1 0 | AF09N00Z-30-10-20 | | 0.310 |
| | | | | | | 0 1 | AF09N00Z-30-01-20 | | 0.310 |
| | | | | 24...60 | 20...60 | 1 0 | AF09N00Z-30-10-21 | | 0.310 |
| | | | | | | 0 1 | AF09N00Z-30-01-21 | | 0.310 |
| | | | | 48...130 | 48...130 | 1 0 | AF09N00Z-30-10-22 | | 0.310 |
| | | | | | | 0 1 | AF09N00Z-30-01-22 | | 0.310 |
| | | | | 100...250 | 100...250 | 1 0 | AF09N00Z-30-10-23 | | 0.310 |
| | | | | | | 0 1 | AF09N00Z-30-01-23 | | 0.310 |
| | | | | - | 12...20 (1) | 1 0 | AF12N0Z-30-10-20 | | 0.310 |
| | | | | | | 0 1 | AF12N0Z-30-01-20 | | 0.310 |
| 0 | 18 | 3 | 5 | 24...60 | 20...60 | 1 0 | AF12N0Z-30-10-21 | | 0.310 |
| | | | | | | 0 1 | AF12N0Z-30-01-21 | | 0.310 |
| | | | | 48...130 | 48...130 | 1 0 | AF12N0Z-30-10-22 | | 0.310 |
| | | | | | | 0 1 | AF12N0Z-30-01-22 | | 0.310 |
| | | | | 100...250 | 100...250 | 1 0 | AF12N0Z-30-10-23 | | 0.310 |
| | | | | | | 0 1 | AF12N0Z-30-01-23 | | 0.310 |
| 1 | 27 | 7.5 | 10 | - | 12...20 (1) | 0 0 | AF26N1Z-30-00-20 | | 0.350 |
| | | | | 24...60 | 20...60 | 0 0 | AF26N1Z-30-00-21 | | 0.350 |
| | | | | 48...130 | 48...130 | 0 0 | AF26N1Z-30-00-22 | | 0.350 |
| | | | | 100...250 | 100...250 | 0 0 | AF26N1Z-30-00-23 | | 0.350 |
| | | | | | | 0 0 | AF26N1Z-30-00-23 | | 0.350 |

- (1) Only AF..Z contactors with DC control voltage 12...20 V DC need to respect the connection polarities indicated close to the coil terminals: A1+ for the positive pole and A2- for the negative pole.
- (2) Available in the US and Canada only.

Main dimensions mm, inches



AF09N00Z, AF12N0Z

AF26N1Z