

## A, AL, AE NEMA rated, non-reversing, 3-pole Class A controllers Sizes 00...5 AC or DC operated coils



A26N1



A145N4

### Electrical ratings ①

| Electrical ratings ① |                               |                                           |      |                    |      |      |  |  | Non-reversing                 |    | Catalog number |
|----------------------|-------------------------------|-------------------------------------------|------|--------------------|------|------|--|--|-------------------------------|----|----------------|
| NEMA size            | Continuous current rating (A) | NEMA ICS 2-2000 (R2005) <b>NEMA</b>       |      |                    |      |      |  |  | Standard auxiliary contacts ② |    |                |
|                      |                               | AC motor ratings, breaking all lines (hp) |      |                    |      |      |  |  |                               |    |                |
|                      |                               | Single phase, 50/60 Hz                    |      | Three phase, 60 Hz |      |      |  |  | NO                            | NC |                |
| 120V                 | 230V                          | 200V                                      | 230V | 380...<br>415V ③   | 460V | 575V |  |  |                               |    |                |

#### Type A, AC operated coils

|    |     |     |     |     |     |     |     |     |   |   |                 |
|----|-----|-----|-----|-----|-----|-----|-----|-----|---|---|-----------------|
| 00 | 9   | 1/3 | 1   | 1.5 | 1.5 | 1.5 | 2   | 2   | 1 | - | ▼ A9N00-30-10-Δ |
| 0  | 18  | 1   | 2   | 3   | 3   | 5   | 5   | 5   | 1 | - | ▼ A16N0-30-10-Δ |
| 1  | 27  | 2   | 3   | 7.5 | 7.5 | 10  | 10  | 10  | 1 | - | ▼ A26N1-30-10-Δ |
| 2  | 45  | 3   | 7.5 | 10  | 15  | 25  | 25  | 25  | 1 | 1 | A50N2-30-11-Δ   |
| 3  | 90  | -   | -   | 25  | 30  | 50  | 50  | 50  | 1 | 1 | A75N3-30-11-Δ   |
| 4  | 135 | -   | -   | 40  | 50  | 75  | 100 | 100 | 1 | 1 | A145N4-30-11-Δ  |
| 5  | 270 | -   | -   | 75  | 100 | 150 | 200 | 200 | 1 | 1 | A260N5-30-11-Δ  |

#### Type AL, DC operated coils

|    |    |     |   |     |     |     |    |    |   |   |                  |
|----|----|-----|---|-----|-----|-----|----|----|---|---|------------------|
| 00 | 9  | 1/3 | 1 | 1.5 | 1.5 | 1.5 | 2  | 2  | 1 | - | ▼ AL9N00-30-10-Δ |
| 0  | 18 | 1   | 2 | 3   | 3   | 5   | 5  | 5  | 1 | - | ▼ AL16N0-30-10-Δ |
| 1  | 27 | 2   | 3 | 7.5 | 7.5 | 10  | 10 | 10 | 1 | - | ▼ AL26N1-30-10-Δ |

#### Type AE, double-wound DC operated coils

|    |    |     |     |     |     |     |    |    |   |   |                  |
|----|----|-----|-----|-----|-----|-----|----|----|---|---|------------------|
| 00 | 9  | 1/3 | 1   | 1.5 | 1.5 | 1.5 | 2  | 2  | 1 | - | ▼ AE9N00-30-11-Δ |
| 0  | 18 | 1   | 2   | 3   | 3   | 5   | 5  | 5  | 1 | - | ▼ AE16N0-30-11-Δ |
| 1  | 27 | 2   | 3   | 7.5 | 7.5 | 10  | 10 | 10 | 1 | - | ▼ AE26N1-30-11-Δ |
| 2  | 45 | 3   | 7.5 | 10  | 15  | 25  | 25 | 25 | 1 | 1 | AE50N2-30-11-Δ   |
| 3  | 90 | -   | -   | 25  | 30  | 50  | 50 | 50 | 1 | 1 | AE75N3-30-11-Δ   |

▼ Planned legacy product; recommend AF series contactors.

### Coil voltage selection chart (Δ)

| Rated control circuit voltage Uc ④ | A9N00...<br>A260N5 | AL9N00...<br>AL26N1 | AE9N00...<br>AE75N3 |
|------------------------------------|--------------------|---------------------|---------------------|
| 12V DC                             | -                  | 80                  | 80                  |
| 24V AC                             | 81                 | -                   | -                   |
| 24V DC                             | -                  | 81                  | 81                  |
| 110...120V AC, 60Hz                | 84                 | -                   | -                   |
| 125V DC                            | -                  | 87                  | 87                  |
| 220V DC                            | -                  | 88                  | 88                  |
| 230...240V AC, 60 Hz               | 80                 | -                   | -                   |
| 240V DC                            | -                  | 89                  | 89                  |
| 480V AC, 60 Hz                     | 51                 | -                   | -                   |
| 600V AC, 60 Hz                     | 55                 | -                   | -                   |

Example(s):

24V DC input voltage: AL26N1-30-10-81

120V AC input voltage: A260N5-3011-84

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

② Auxiliary contacts integral for A9N00...A26N1 & AL9N00...AL26N1; side-mount for A50N2...A260N5 & AE9N00...AE75N3.

③ 50 Hz.

④ AC coil input voltage(s) at 50/60 Hz unless specified. Additional voltages pg. 1.35.