



IEC Contactors, Motor Starters, and Overload Relays



CONTACTORS

- 3-yr. warranty
- DIN rail or panel mount

For industrial motor control. Mechanical life: 10 million cycles. 3-pole contactors should be paired with overload relays. 9 to 32A 3-pole contactors have 1NO auxiliary contact. 40 to 95A 3-pole contactors have 1NO/1NC auxiliary contacts. UL and C-UL Listed.

OVERLOAD RELAYS

- Bimetallic
 - For 3-phase applications
 - Compatible with Dayton® IEC contactors
- Feature continuously readjustable current settings. Have temperature compensation, tripped indicator, test button, stop button, manual and automatic reset button, finger-safe terminals, and 1NO/1NC contacts. UL and C-UL Listed.

AUXILIARY CONTACT BLOCKS

- Front mount
 - Compatible with Dayton® IEC contactors
- Allow for additional indicator lights, signals, or alarms.

TIME DELAY AUXILIARY CONTACT BLOCKS

- Front mount
 - Compatible with Dayton® IEC contactors
- Timer combines with a contactor to create a time delay contactor.

REPLACEMENT COILS

- 60 Hz
 - Compatible with Dayton® IEC contactors
- Coil can be changed without replacing the entire block.

| Key (Inductive) | Full Load Amps | Aux. Contact Config. | ►CHOOSE: Coil Volts | | HP @ 3-Phase 240V | HP @ 3-Phase 480V | NONREVERSING Item No. | REVERSING Item No. |
|--|----------------|----------------------|--------------------------------------|----------|-------------------|-------------------|-----------------------|--------------------|
| | | | 24V AC | 120V AC | | | | |
| 3-Pole IEC Magnetic Contactor | | | | | | | | |
| A | 9 A | 1NO | 24 V AC, 120 V AC, 240 V AC | 2 hp | 5 hp | H2449 | — | |
| A | 9 A | 1NO | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 2 hp | 5 hp | — | H2459 | |
| B | 12 A | 1NO | 24 V AC, 120 V AC, 240 V AC | 3 hp | 7 1/2 hp | H2450 | — | |
| B | 12 A | 1NO | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 3 hp | 7 1/2 hp | — | H2460 | |
| C | 18 A | 1NO | 24 V AC, 120 V AC, 240 V AC | 5 hp | 10 hp | H2451 | — | |
| C | 18 A | 1NO | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 5 hp | 10 hp | — | H2461 | |
| D | 25 A | 1NO | 24 V AC, 120 V AC, 240 V AC | 7 1/2 hp | 15 hp | H2452 | — | |
| D | 25 A | 1NO | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 7 1/2 hp | 15 hp | — | H2462 | |
| E | 32 A | 1NO | 24 V AC, 120 V AC, 240 V AC | 10 hp | 20 hp | H2453 | — | |
| F | 32 A | 1NO/1NC | 24 V AC, 120 V AC, 240 V AC | 10 hp | 30 hp | H2454 | — | |
| G | 50 A | 1NO/1NC | 24 V AC, 120 V AC, 240 V AC | 15 hp | 40 hp | H2455 | — | |
| H | 65 A | 1NO/1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 20 hp | 50 hp | H2456 | — | |
| J | 80 A | 1NO/1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 25 hp | 60 hp | H2457 | — | |
| K | 95 A | 1NO/1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 25 hp | 60 hp | H2458 | — | |
| 4-Pole (2NO/2NC) IEC Magnetic Contactor | | | | | | | | |
| A | 9 A | — | — | — | — | H2463 | — | |
| B | 12 A | — | — | — | — | H2464 | — | |
| D | 25 A | — | 24 V AC, 24 V DC, 120 V AC, 240 V AC | — | — | H2465 | — | |
| F | 40 A | — | — | — | — | H2466 | — | |
| G | 50 A | — | — | — | — | H2467 | — | |

| 3-Pole Contactor | | | Overload Relay | | | Time Delay Auxiliary Contact Block | | |
|---|---------------|-------------|-------------------------|------------------|------------------|------------------------------------|-------------------|--------------------|
| Works with Key | Current Range | Item No. | Works with Key | Current Range | Item No. | Works with Key | Current Range | Item No. |
| Overload Relays | | | | | | | | |
| A to C | 0.10 to 0.16A | 6ECA3 | A to C | 9.00 to 13.0A | 6ECC4 | A to C | 12.0 to 18.0A | 6ECC5 |
| A to C | 0.16 to 0.25A | 6ECA4 | D E | 17.0 to 25.0A | 6ECC6 | A to C | 23.0 to 32.0A | 6EA27 |
| A to C | 0.25 to 0.40A | 6ECA5 | F to K | 23.0 to 32.0A | 6EA27 | A to C | 23.0 to 32.0A | 6EA27 |
| A to C | 0.40 to 0.63A | 6ECA6 | D E | 23.0 to 32.0A | 6ECC7 | A to C | 28.0 to 36.0A | 6ECC8 |
| A to C | 0.63 to 1.00A | 6ECA7 | D E | 28.0 to 36.0A | 6ECC8 | A to C | 30.0 to 40.0A | 6EA28 |
| A to C | 1.00 to 1.60A | 6ECA8 | F to K | 30.0 to 40.0A | 6EA28 | A to C | 37.0 to 50.0A | 6EA29 |
| A to C | 1.60 to 2.50A | 6ECA9 | F to K | 37.0 to 50.0A | 6EA29 | A to C | 48.0 to 65.0A | 6ECA0 |
| A to C | 2.50 to 4.00A | 6ECC0 | F to K | 48.0 to 65.0A | 6ECA0 | A to C | 55.0 to 70.0A | 6ECA1 |
| A to C | 4.00 to 6.00A | 6ECC1 | F to K | 55.0 to 70.0A | 6ECA1 | A to C | 63.0 to 80.0A | 6ECA2 |
| A to C | 6.00 to 8.00A | 6ECC2 | F to K | 63.0 to 80.0A | 6ECA2 | A to C | 80.0 to 93.0A | 6ECC9 |
| A to C | 8.00 to 10.0A | 6ECC3 | F to K | 80.0 to 93.0A | 6ECC9 | | | |
| Auxiliary Contact Blocks, 3 Aux. @ 240VAC, 1.5 Amps @ 120VAC | | | | | | | | |
| All | 1 | 0 | All | 1 | 0 | All | 1 | 0 |
| All | 2 | 1 | All | 2 | 1 | All | 2 | 1 |
| All | 0 | 2 | All | 0 | 2 | All | 0 | 2 |
| All | 1 | 3 | All | 1 | 3 | All | 1 | 3 |
| All | 4 | 0 | All | 4 | 0 | All | 4 | 0 |
| All | 1 | 1 | All | 1 | 1 | All | 1 | 1 |
| All | 2 | 2 | All | 2 | 2 | All | 2 | 2 |
| A to E Mechanical Interlock | | | | | | | | |
| A to E Mechanical Interlock | | | | | | | | |
| Time Delay Auxiliary Contact Blocks | | | | | | | | |
| All | 1 | 1 | 0.10 sec to 3.00 sec | 6EA7 | 6EA0 | | | |
| All | 1 | 1 | 0.10 sec to 30.00 sec | 6EA8 | 6EA1 | | | |
| All | 1 | 1 | 10.00 sec to 180.00 sec | 6EA9 | 6EA2 | | | |
| Enclosures | | | | | | | | |
| Works with Key | Contacts NC | Contacts NO | Range of Time Delay | H | W | D | ON DELAY Item No. | OFF DELAY Item No. |
| A | — | NEMA 4 | 7.32 in | 4.72 in | 5.11 in | — | 6FZJ4 | — |
| C | — | NEMA 4 | 7.32 in | 4.72 in | 5.11 in | — | 6FZJ5 | — |
| D | — | NEMA 4 | 8.48 in | 5.66 in | 5.31 in | — | 6FZJ6 | — |
| E | — | NEMA 4 | 8.48 in | 5.66 in | 5.31 in | — | 6FZJ7 | — |
| A | — | NEMA 12 | 6.37 in | 3.42 in | 5.51 in | — | 6FZJ2 | — |
| D | — | NEMA 12 | 7.08 in | 3.81 in | 6.1 in | — | 6FZJ3 | — |
| Replacement Coils | | | | | | | | |
| A to C | — | — | 24V AC Item No. | 120V AC Item No. | 240V AC Item No. | | | |
| D,E | — | — | 6EAU3 | 6EAU5 | 6EAU7 | | | |
| F to K | — | — | 6EAU4 | 6EAU6 | 6EAU8 | | | |

Schneider Electric TeSys™ IEC Contactors and Overload Relays



For industrial motor control applications, combine a contactor with an overload relay to make a complete motor starter. Rated 600VAC. Saddle clamp terminals. DIN rail- or panel-mount. UL Listed, CSA and CE Certified.

CONTACTORS

Inclined wire guides and captive screws. 60/50 Hz coil. IP20 touch-safe with removable terminal cover.

OVERLOAD RELAYS

For 3-phase applications. Bimetallic elements. Class 10 trip characteristics with 1-phase sensitivity. Ambient compensated. Adjustable current range. Lockable, sealable, manual/auto reset, test trip. Mount to underside of contactor.

| Works with Key | No. of NO | Aux. Contacts | No. of NC | Mr. Model | Item No. | ►CHOOSE: Coil Volts | | HP @ 3-Phase 240V | HP @ 3-Phase 480V | NONREVERSING Item No. | REVERSING Item No. |
|--------------------------------------|-----------|---------------|-----------|--|----------|---------------------|---------|-------------------|-------------------|-----------------------|--------------------|
| | | | | | | 24V AC | 120V AC | | | | |
| 3-Pole IEC Magnetic Contactor | | | | | | | | | | | |
| A | 9 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 2 hp | 5 hp | G3478 | — | — | — | — |
| A | 9 A | 1NO | 1NC | 24 V AC, 24 V DC, 115 V AC, 120 V AC, 240 V AC, 480 V AC | 2 hp | 5 hp | — | — | — | — | G3486 |
| B | 12 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 3 hp | 7 1/2 hp | G3479 | — | — | — | G3487 * |
| B | 12 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC, 480 V AC | 3 hp | 7 1/2 hp | — | — | — | — | G3488 * |
| C | 18 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 5 hp | 10 hp | G3480 | — | — | — | G3488 * |
| D | 25 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 7 1/2 hp | 15 hp | G3481 | — | — | — | G3489 * |
| D | 25 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC, 480 V AC | 7 1/2 hp | 15 hp | — | — | — | — | G3489 * |
| E | 32 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 10 hp | 20 hp | G3482 | — | — | — | G3490 * |
| E | 32 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 10 hp | 20 hp | — | — | — | — | G3490 * |
| F | 40 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 10 | 20 | — | — | — | — | G3490 * |
| F | 40 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 240 V AC | 10 hp | 30 hp | G3475 | — | — | — | — |
| G | 50 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 200 V AC, 240 V AC, 480 V AC | 15 hp | 40 hp | G3476 | — | — | — | — |
| H | 65 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 200 V AC, 240 V AC, 480 V AC | 20 hp | 40 hp | G3477 | — | — | — | — |
| J | 80 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 30 hp | 60 hp | G3483 | — | — | — | — |
| K | 115 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 40 hp | 75 hp | G3484 | — | — | — | — |
| L | 150 A | 1NO | 1NC | 24 V AC, 24 V DC, 120 V AC, 208 V AC, 240 V AC, 480 V AC | 50 hp | 100 hp | G3485 | — | — | — | — |

* Not available with 208VAC coil.