



**Non-reversing motor starter**  
**NEMA controller size 0**  
**3-Phase, 3-Pole**  
**Maximum voltage rating 600VAC**  
**Max Hp 60Hz: 1/6@200V; 1/6@230V; 1/3@460V; 1/2@575V**  
**Solid-state overload relay(s) with 0.25–1A range**  
**Control voltage 110–120/220–240VAC 60Hz**  
**NEMA Type 1 enclosure**

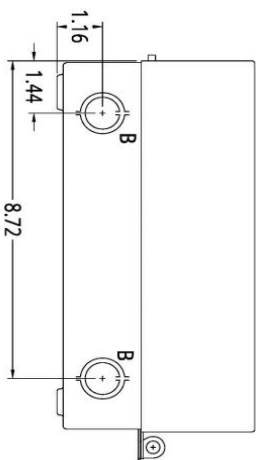


Image is representative and may not depict the actual product.

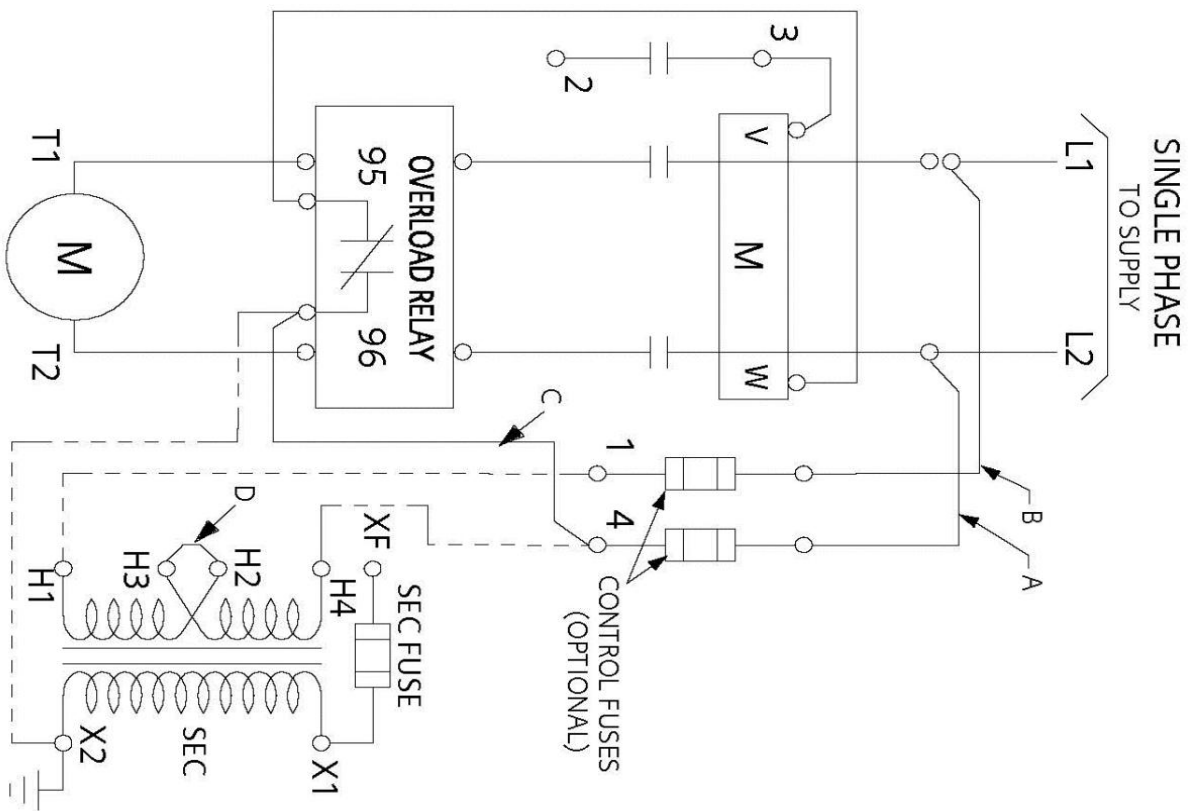
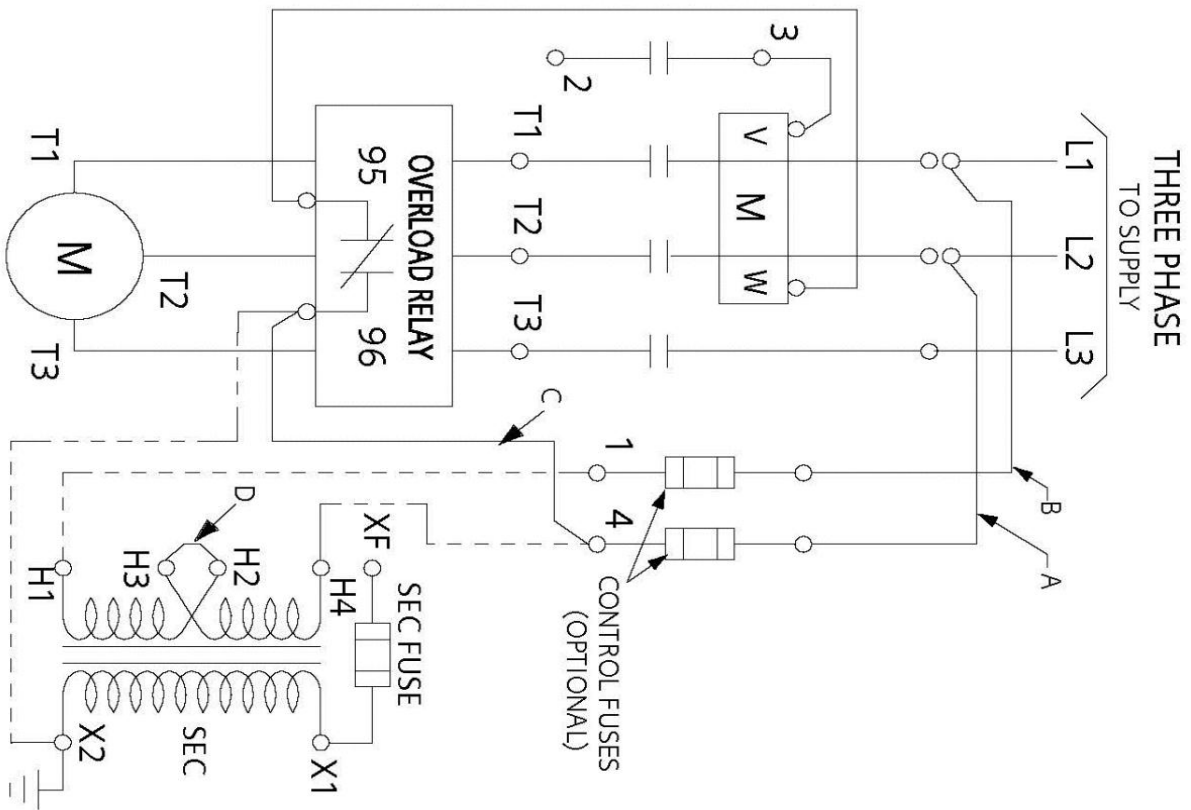
| General technical data:                           |                                                        |
|---------------------------------------------------|--------------------------------------------------------|
| Weight                                            | 8 lb                                                   |
| Height x Width x Depth                            | 11 x 7 x 5 in.                                         |
| Finger-safe (main circuit / control circuit)      | NA / NA                                                |
| Maximum altitude                                  | 6560 ft                                                |
| Ambient storage temperature                       | (-30 to 65)°C / (-22 to 149)°F                         |
| Ambient operating temperature                     | (-20 to 40)°C / (-4 to 104)°F                          |
| Humidity (% non-condensing)                       | (no data)                                              |
| Rated impulse voltage resistance                  | (no data)                                              |
| Rated insulation voltage                          | (no data)                                              |
| Country of origin                                 | USA                                                    |
| Contactor:                                        |                                                        |
| Number of NO main contacts                        | 3                                                      |
| Amp rating                                        | 18A                                                    |
| Mechanical operating cycles                       | 10,000,000                                             |
| Internal/standard auxiliary contact:              |                                                        |
| Number of NC / NO auxiliary contacts              | 0NC / 1NO                                              |
| Rating                                            | 10A@600VAC (A600), 5A@600VDC (P600)                    |
| Optional auxiliary contact:                       |                                                        |
| Max number of NC / NO auxiliary contacts          | 8 total                                                |
| Rating                                            | 10A@600VAC (A600), 5A@600VDC (P600)                    |
| Coil:                                             |                                                        |
| Voltage                                           | 110–120/220–240VAC 60Hz Coil                           |
| Sealed watts                                      | 8.6W                                                   |
| Inrush / sealed power                             | 218 / 25 VA                                            |
| Normal coil operating limits (% of rated voltage) | 85% - 110%                                             |
| Typical drop-out volts (% of rated voltage)       | 50%                                                    |
| Pick-up time / Drop-out time                      | 19-29 / 10-24 msec                                     |
| Overload Relay:                                   |                                                        |
| Current range                                     | 0.25–1A                                                |
| Trip Class                                        | Class 5 / 10 / 20 (factory set) / 30                   |
| Trip detection                                    | Overload, phase failure, phase unbalance, ground fault |
| Phase failure sensitivity                         | Trip time after phase-loss: < 3 sec                    |
| Repeat accuracy                                   | Within 1%                                              |
| Reset options                                     | Manual, automatic and remote                           |
| External reset                                    | Yes                                                    |
| Test function                                     | Electronics & manual actuation                         |
| Conformal coating on printed circuit board        | Yes                                                    |
| Number of NC / NO auxiliary contacts              | 1NC / 1NO                                              |
| Rating of auxiliary contacts                      | 5A@600VAC (B600), 1A@250VDC (R300)                     |
| Single contact isolation                          | 600V                                                   |

|                                                    |                                                            |
|----------------------------------------------------|------------------------------------------------------------|
| Dual contact isolation                             | 300V differing polarity / 600V common polarity             |
| <b>Enclosure:</b>                                  |                                                            |
| Type                                               | NEMA Type 1 enclosure                                      |
| Rating                                             | Indoor general purpose use                                 |
| <b>Mounting/wiring:</b>                            |                                                            |
| Mounting orientation                               | Vertical                                                   |
| Mounting type                                      | Surface                                                    |
| Line side connection type / torque                 | Screw / 20 lb-in.                                          |
| Line side solid & stranded conductors              | 1x(14 - 2 AWG) 75°C AL or CU                               |
| Load side connection type / torque                 | Screw / 20 lb in. - 24 lb in.                              |
| Load side solid & stranded conductors              | 2 x (14 - 10 AWG) CU 60/75°C                               |
| Coil connection type / torque                      | Screw / 5 lb in. - 12 lb in.                               |
| Coil solid & stranded conductors                   | 2 x (16 - 12 AWG) CU 60/75°C                               |
| Main auxiliary contact connection type / torque    | Screw / 10 - 15 lb-in                                      |
| Main auxiliary contact solid & stranded conductors | 1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (18 - 16 AWG) 75°C CU |
| OLR auxiliary contact connection type / torque     | Screw / 7 lb in. - 10 lb in.                               |
| OLR auxiliary contact solid & stranded conductors  | 2 x (20 - 14 AWG) CU 60/75°C                               |
| <b>Short circuit current rating:</b>               |                                                            |
| Fuses                                              | 10kA@600V (Class H or K); 100kA@600V (Class R or J)        |
| Thermal Magnetic Circuit Breaker                   | 14kA@240V; 10kA@600V                                       |
| <b>Certificates/approvals:</b>                     |                                                            |
|                                                    | <a href="#">UL (file no. E14900)</a>                       |
|                                                    | <a href="#">cUL (file no. E14900 for Canada)</a>           |
|                                                    | <a href="#">CSA (file no. 006535 C_000)</a>                |
|                                                    | <a href="#">ISO 9001 certification</a>                     |
| <b>Additional information:</b>                     |                                                            |
|                                                    | <a href="#">Brochure</a>                                   |
|                                                    | <a href="#">OLR instruction sheet &amp; trip curves</a>    |

Technical drawing of the front view of a rectangular component. The drawing shows a rectangle with a total width of 10.97 and a total height of 8.72. There are two circular features, each labeled 'B', positioned vertically. The distance between the centers of these two circles is 1.44. The distance from the top edge of the rectangle to the center of the upper circle is 1.16. A small circular feature is located at the bottom right corner of the rectangle.



DIMENSIONS ARE IN INCHES.  
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