



Non-reversing contactor
NEMA controller size 6
3-Phase, 3-Pole
Maximum voltage rating 600VAC
Max Hp 60Hz: 150@200V; 200@230V; 400@460V; 400@575V
Control voltage 200-220V 50-60Hz/DC
NEMA Type 1 enclosure

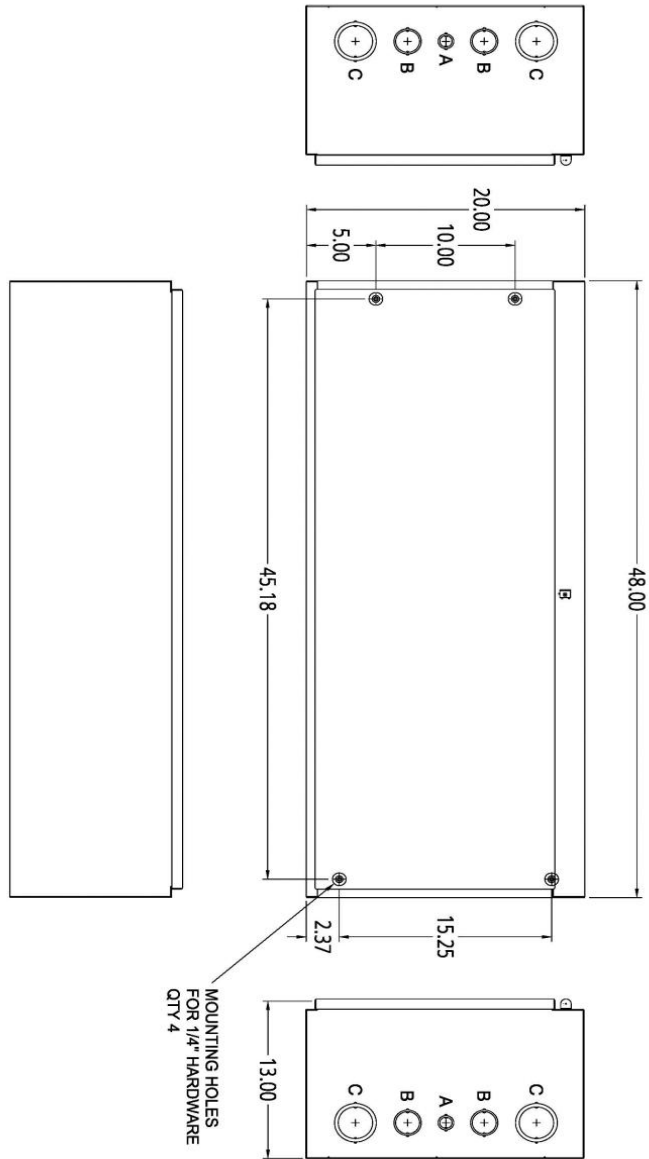


Image is representative and may not depict the actual product.

| General technical data: | |
|---|--|
| Weight | 144 lb |
| Height x Width x Depth | 48 x 20 x 13 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 |
| Contactors: | |
| Number of NO main contacts | 3 |
| Amp rating | 540A |
| Mechanical operating cycles | 10,000,000 |
| Internal/standard auxiliary contact: | |
| Number of NC / NO auxiliary contacts | 2NC / 2NO |
| Rating | 10A@240VAC (A300), 2.5A@250VDC (Q300) |
| Optional auxiliary contact: | |
| Max number of NC / NO auxiliary contacts | 4NC / 4NO |
| Rating | 10A@240VAC (A300), 2.5A@250VDC (Q300) |
| Coil: | |
| Voltage | 200-220V 50-60Hz/DC Coil |
| Sealed watts | 10W |
| Inrush / sealed power | 830 / 9.2 VA |
| Normal coil operating limits (% of rated voltage) | 85% - 110% |
| Typical drop-out volts (% of rated voltage) | 60% |
| Pick-up time / Drop-out time | 45-100 / 60-100 msec |
| Enclosure: | |
| Type | NEMA Type 1 enclosure |
| Rating | Indoor general purpose use |
| Mounting/wiring: | |
| Mounting orientation | Vertical |
| Mounting type | Surface |
| Line side connection type / torque | Box lug / 180-195 lb-in. |
| Line side solid & stranded conductors | 3/0 AWG - 600 MCM (front only) or 250 - 500 MCM (back only) or 2 x 2/0 AWG - 2 x 500 MCM (both front & back) 75°C AL/CU |
| Load side connection type / torque | Box lug / 180-195 lb-in. |
| Load side solid & stranded conductors | 3/0 AWG - 600 MCM (front only) or 250 - 500 MCM (back only) or 2 x 2/0 AWG - 2 x 500 MCM (both front & back) 75°C AL/CU |

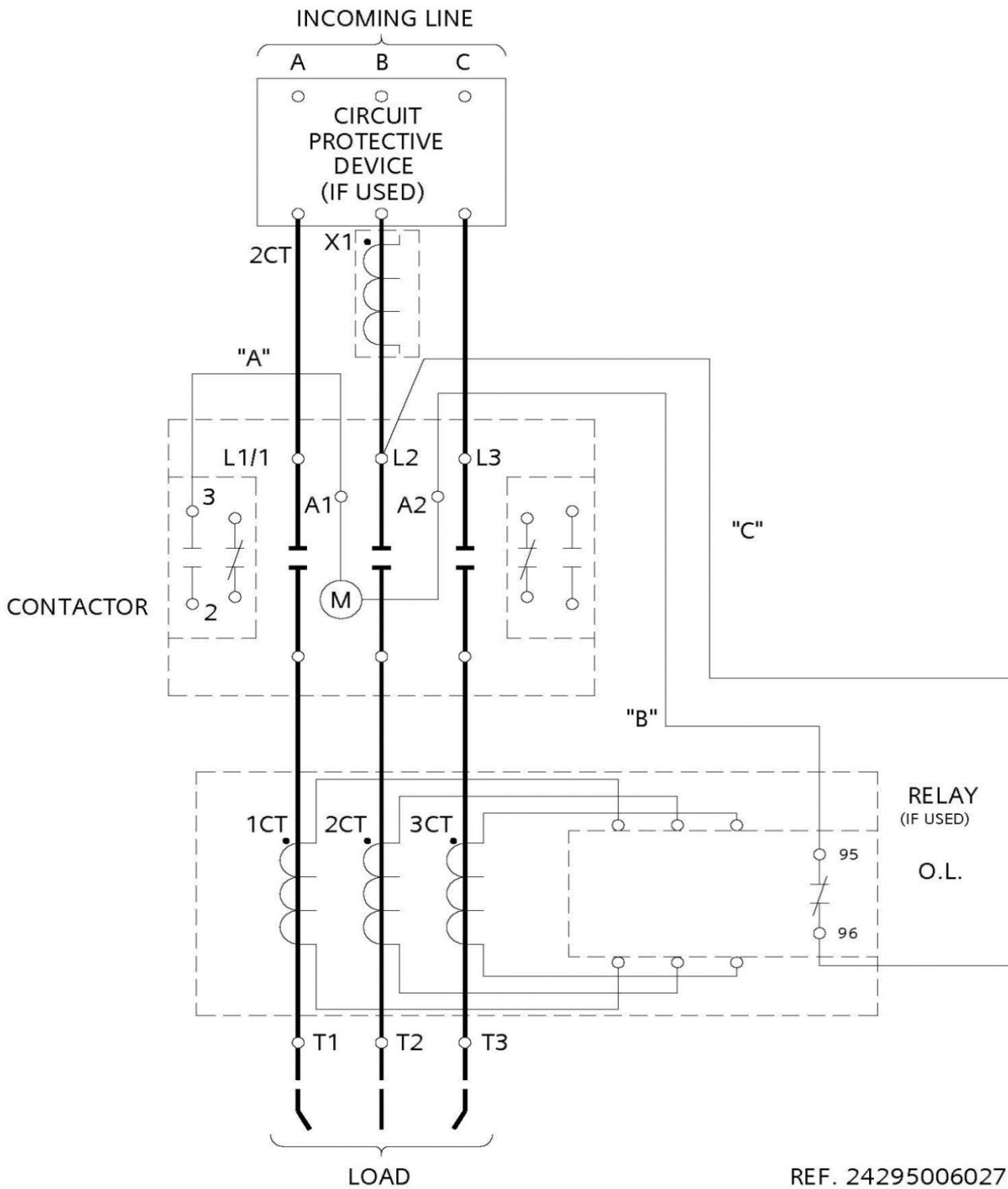
| | |
|--|---|
| Coil connection type / torque | Screw / 7 lb in. - 10 lb in. |
| Coil solid & stranded conductors | 2 x (18 - 14 AWG) CU 60/75°C |
| Main auxiliary contact connection type / torque | Screw / 7 lb in. - 10 lb in. |
| Main auxiliary contact solid & stranded conductors | 2x (20 - 16), 2x (18 - 14) CU 60/75°C |
| Short circuit current rating: | |
| Fuses | 18kA@600V (Class H or K); 100kA@600V (Class R or J) |
| Thermal Magnetic Circuit Breaker | 18kA@600V |
| Certificates/approvals: | |
| | UL (file no. E14900) |
| | cUL (file no. E14900 for Canada) |
| | CSA (file no. 006535 C 000) |
| | ISO 9001 certification |
| Additional information: | |
| | Brochure |

OUTLINE 48X20X13 NEMA 1



| LETTER | CONDUIT SIZE |
|--------|-------------------------|
| A | 1/2" & 3/4" CONDUIT |
| B | 1-1/4" & 1-1/2" CONDUIT |
| C | 2" & 2-1/2" CONDUIT |

DIMENSIONS ARE IN INCHES.
FILE NAME: SFIS-D65608013-0211



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