



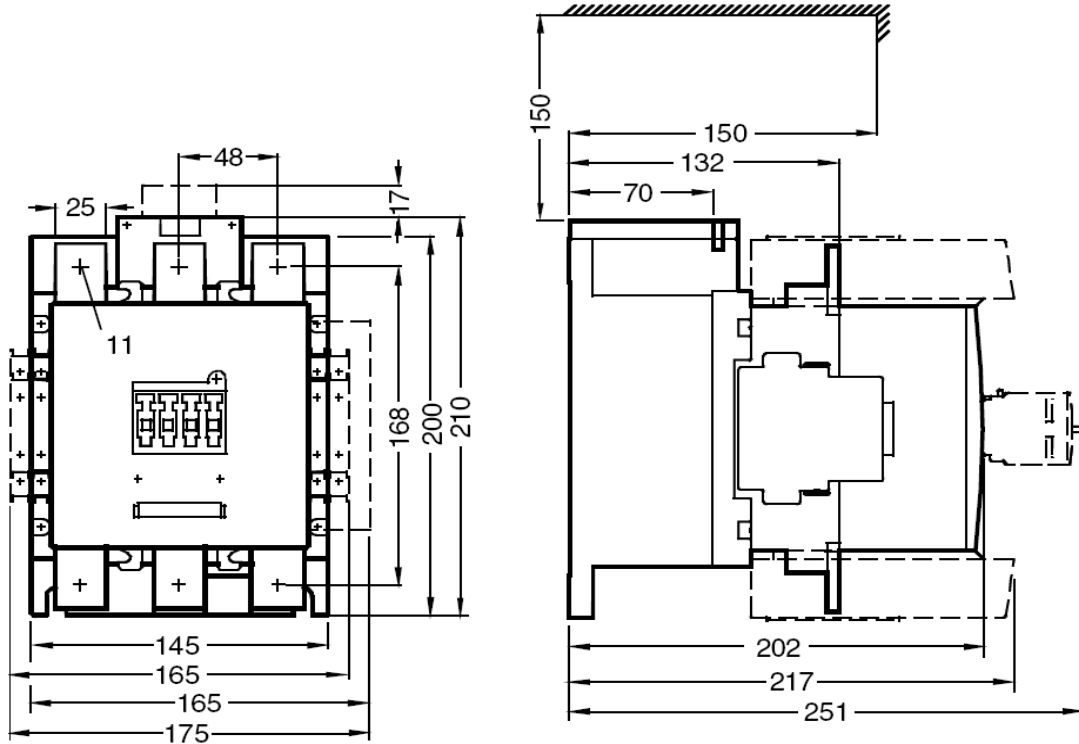
Lighting Contactor
Class LE
Electrically Held
300 Amp, 3 Pole

August, 2012

| General technical data: | |
|---|-------------------------|
| Finger-safe (main circuit / control circuit) | no / yes |
| Degree of pollution | 3 |
| Altitude (m) | 2,000 |
| Ambient storage temperature (°C) | -55 to 80 |
| Ambient operating temperature (°C) | 0 to 40 |
| Humidity (% non-condensing) | 10 to 95 |
| Shock resistance at rectangular impulse (g/ms) | 8.5 / 5, 4.2 / 10 |
| Shock resistance at sine pulse | 13.4 / 5, 6.5 / 10 |
| Rated impulse voltage resistance (kV) | no data |
| Rated insulation voltage (V) | no data |
| Mechanical operating cycles as operating time: | |
| of contactor | 10,000,000 |
| of contactor with additional aux contacts | 10,000,000 |
| Main circuit: | |
| Number of NC / NO main contacts | 0NC / 3NO |
| Typical power loss per conductor (W) | 18 |
| Off-load operating frequency (cycles per hour) | 2,000 |
| Current ratings: | |
| Tungsten (poles per phase) | 300A @277V 1p 1ph |
| | 300A @480V 2p 1ph |
| | 300A @480V 3p 3ph |
| Ballast (poles per phase) | 300A @600V 1p 1ph |
| | 300A @600V 2p 1ph |
| | 300A @600V 3p 3ph |
| General & resistive (poles per phase) | 300A @600V 1p 1ph |
| | 300A @600V 2p 1ph |
| | 300A @600V 3p 3ph |
| Coil ratings: | |
| Inrush / sealed power (VA) | 590 / 6.7 |
| Coil voltage tolerance factor | 0.8 - 1.1 |
| Coil code 024 | 23-26V AC 40-60HZ, DC |
| Coil code 120 | 110-127V AC 40-60HZ, DC |
| Coil code 208 | 200-220V AC 40-60HZ, DC |
| Coil code 240 | 220-240V AC 40-60HZ, DC |
| Coil code 277 | 240-277V AC 40-60HZ, DC |
| Coil code 347 | NA |
| Coil code 480 | 440-480V AC 40-60HZ, DC |
| Coil code 600 | 575-600V AC 40-60HZ, DC |
| Internal/standard auxiliary contact: | |
| Number of NC / NO auxiliary contacts | 2 NC / 2 NO |
| Rating | A300 / Q300 |

| | |
|--|-----------------------|
| Installation/mounting/dimensions: | |
| Mounting orientation | vertical |
| Type of mounting: screw / DIN rail | yes / no |
| Height x Width x Depth (mm) | 210 x 145 x 202 |
| Minimum clearance to sides (mm) | 10 |
| Minimum clearance to earthed parts (mm) | 10 |
| Connection type / torque for main circuit terminals | screw / 180-195 lb in |
| Connection type / torque for control circuit terminals | screw / 7-10 lb in |
| Solid & stranded conductors for main contacts (AWG) | 2x(2/0-500MCM) |
| Solid & stranded conductors for control circuit (AWG) | 2x(18-14) |
| Conductor type for main and control circuits | 75°C CU |
| Short circuit current rating of main circuit: | |
| Short circuit current rating | 18kA @ 600V |
| Max fuse / circuit breaker (Amp) | 600 / 400 |
| Certificates: | |
| cULus | |

Dimensions



Wiring Diagram

