



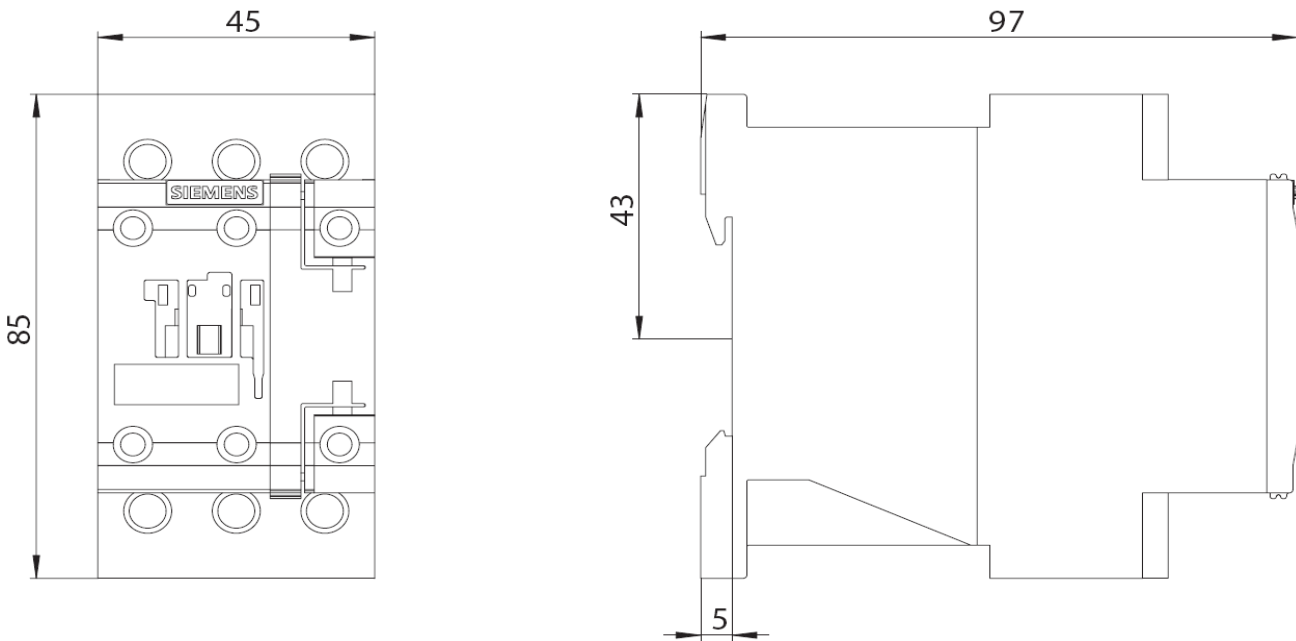
**Lighting Contactor**  
**Class LE**  
**Electrically Held**  
**30 Amp, 3 Pole**

August 2012

| <b>General technical data:</b>                        |                           |
|---|---------------------------|
| Finger-safe (main circuit / control circuit)          | yes / 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)        | 7.5 / 5, 4.7 / 10         |
| Shock resistance at sine pulse (g/ms)                 | 11.8 / 5, 7.4 / 10        |
| Rated impulse voltage resistance (kV)                 | no data                   |
| Rated insulation voltage (V)                          | no data                   |
| <b>Mechanical operating cycles as operating time:</b> |                           |
| of contactor  | 10,000,000                |
| of contactor with additional aux contacts             | 10,000,000                |
| <b>Main circuit:</b>                                  |                           |
| Number of NC / NO main contacts                       | 0NC / 3NO                 |
| Typical power loss per conductor (W)                  | 0.9                       |
| Off-load operating frequency (cycles per hour)        | 5,000                     |
| <b>Current ratings:</b>                               |                           |
| Tungsten (poles per phase)                            | 30A @277V 1p 1ph          |
|   | 30A @480V 2p 1ph          |
|   | 30A @480V 3p 3ph          |
| Ballast (poles per phase)                             | 30A @347V 1p 1ph          |
|   | 30A @600V 2p 1ph          |
|   | 30A @600V 3p 3ph          |
| General & resistive (poles per phase)                 | 30A @600V 1p 1ph          |
|   | 30A @600V 2p 1ph          |
|   | 30A @600V 3p 3ph          |
| <b>Coil ratings:</b>                                  |                           |
| Inrush / sealed power (VA)                            | 87 / 9.4                  |
| Coil voltage tolerance factor                         | 0.8 - 1.1                 |
| Coil code 024   | 24VAC 60HZ                |
| Coil code 120   | 110VAC 50HZ / 120VAC 60HZ |
| Coil code 208   | 198VAC 50HZ / 208VAC 60HZ |
| Coil code 240   | 220VAC 50HZ / 240VAC 60HZ |
| Coil code 277   | 277VAC 60HZ               |
| Coil code 347   | 347VAC 60HZ               |
| Coil code 480   | 480VAC 60HZ               |
| Coil code 600   | 600VAC 60HZ               |
| <b>Internal/standard auxiliary contact:</b>           |                           |
| Number of NC / NO auxiliary contacts                  | 1NC / 1NO                 |
| Rating  | A600 / Q600               |

| <b>Installation/mounting/dimensions:</b>               |                      |
|--|----------------------|
| Mounting orientation                                   | vertical             |
| Type of mounting: screw / DIN rail                     | yes / yes            |
| Height x Width x Depth (mm)                            | 85 x 45 x 97         |
| Minimum clearance to sides (mm)                        | 0                    |
| Minimum clearance to earthed parts (mm)                | 6                    |
| Connection type / torque for main circuit terminals    | screw / 18-22 lb in  |
| Connection type / torque for control circuit terminals | screw / 7-10 lb in   |
| Solid & stranded conductors for main contacts (AWG)    | 2x(16-12), 2x(14-8)  |
| Solid & stranded conductors for control circuit (AWG)  | 2x(20-16), 2x(18-14) |
| Conductor type for main and control circuits           | 75°C CU              |
| <b>Short circuit current rating of main circuit:</b>   |                      |
| Short circuit current rating                           | 5kA @ 600V           |
| Max fuse / circuit breaker (Amp)                       | 60 / 40              |
| <b>Certificates:</b>                                   |                      |
|  | cULus                |

**Dimensions**



**Wiring Diagram**

