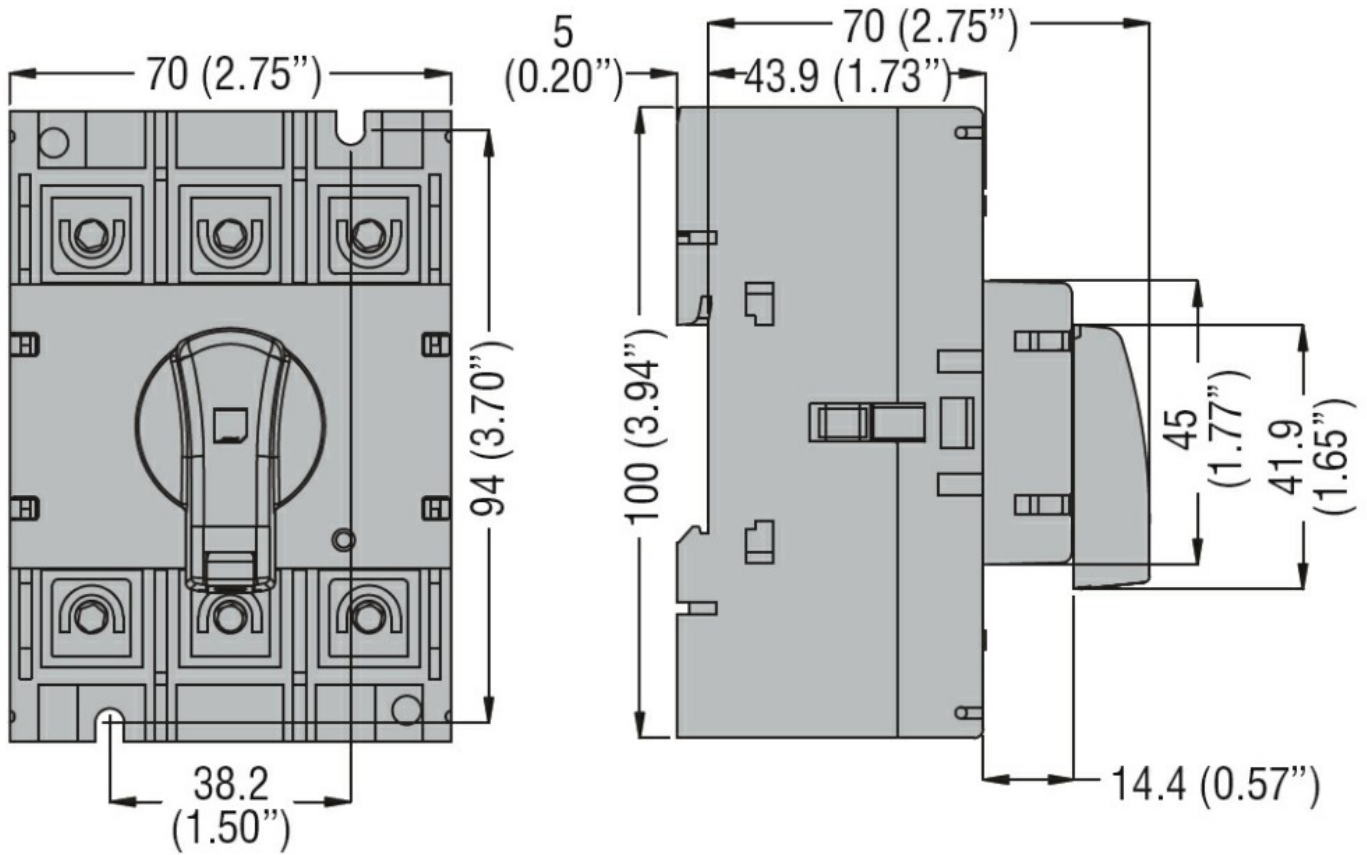


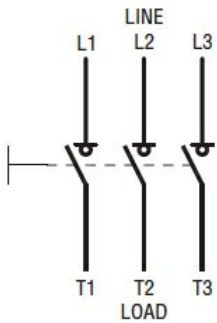


|   |       |           |                          |
|---|-------|-----------|--------------------------|
| Number of poles   |       | Nr.       | 3                        |
| Operating voltage type                                    |       |           | AC                       |
| <b>Contact characteristics</b>                            |       |           |                          |
| IEC Conventional free air thermal current I <sub>th</sub> |       | A         | 125                      |
| Operating current I <sub>e</sub>                          | AC21A |           |                          |
|   |       | 400V      | A 30000                  |
|   |       | 500V      | A 30000                  |
|   |       | 690V      | A 30000                  |
|   | AC22A |           |                          |
|   |       | 400V      | A 30000                  |
|   |       | 500V      | A 30000                  |
|   |       | 690V      | A 30000                  |
|   | AC23A |           |                          |
|   |       | 400V      | A 30000                  |
|   |       | 500V      | A 30000                  |
|   |       | 690V      | A 30000                  |
| Power dissipation per pole max                            |       | W         | 6.3                      |
| Rated operational power AC23A                             |       |           |                          |
|   |       | 400V      | kW 30000                 |
|   |       | 690V      | kW 30000                 |
| Rated short time current (1s) I <sub>cs</sub> (rms)       |       | kA        | 2.5                      |
| Conditional short-circuit current (rms)                   |       | kA        | 30000                    |
| Short-circuit protection with fuse                        |       | Class/A   | 30000                    |
| Making capacity AC23A 400V                                |       | A         | 1250                     |
| Breaking capacity AC23A 400V                              |       | A         | 1000                     |
| Mechanical life   |       | cycles    | Screw / DIN rail<br>35mm |
| Electrical life AC21A                                     |       | cycles    | 30000                    |
| <b>Mechanical features</b>                                |       |           |                          |
| Operating position  |       |           |                          |
|   |       | normal    | 54                       |
|   |       | allowable | 54                       |
| Fixing  |       |           | Screw / DIN rail<br>35mm |
| Terminals   |       |           |                          |
|   |       | type      | Pillar                   |
|   |       | width     | mm 12.4                  |
|   |       | height    | mm 10.4                  |
|   |       | screw     | M8                       |
|   |       | tool      | Metric Allen key 4       |
| Tightening torque for terminals                           |       |           |                          |
|   |       | min       | Nm 5                     |
|   |       | max       | Nm 6                     |
|   |       | min       | lbin 45                  |

|   |               |                 |                               |
|---|---------------|-----------------|-------------------------------|
|   | max           | lbin            | 54                            |
| Conductor section                             |               |                 |                               |
|   | IEC min       | mm <sup>2</sup> | 4                             |
|   | IEC max       | mm <sup>2</sup> | 70                            |
|   | AWG/kcmil min |                 | 12                            |
|   | AWG/kcmil max |                 | 1                             |
| <b>UL technical data</b>                      |               |                 |                               |
| UL Standard                                   |               |                 | UL98                          |
| General purpose current rating                |               | A               | IEC/EN UL98<br>CSA C22.2 n°4  |
| Operating voltage max                         |               | V               | IEC/EN UL98<br>CSA C22.2 n°4  |
| Horsepower/FLA current three phase motor      |               |                 |                               |
|   | 240V          | HP              | IEC/EN UL98<br>CSA C22.2 n°4  |
|   | 480V          | HP              | IEC/EN UL98<br>CSA C22.2 n°4  |
|   | 600V          | HP              | IEC/EN UL98<br>CSA C22.2 n°4  |
| Short circuit rating                          |               | kA rms          | 50 (600V) / 100<br>(480V)     |
| Short circuit rating with fuse                |               | Class/A         | J/100A / CC-J-<br>T/max. 200A |
| Minimum enclosure dimensions at rated current |               |                 |                               |
|   | mm            | mm              | 150x140x110                   |
|   | in            | in              | 5.9 x 5.5 x 4.3               |
| <b>Ambient conditions</b>                     |               |                 |                               |
| Operating temperature                         |               |                 |                               |
|   | min           | °C              | 54                            |
|   | max           | °C              | 54                            |
| Storage temperature                           |               |                 |                               |
|   | min           | °C              | 54                            |
|   | max           | °C              | 54                            |
| Max altitude                                  |               | m               | 54                            |
| <b>Resistance &amp; Protection</b>            |               |                 |                               |
| Frontal IP degree                             |               |                 | IP20                          |
| Pollution degree                              |               |                 | Screw / DIN rail<br>35mm      |
| <b>Dimensions</b>                             |               |                 |                               |



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°4  
IEC/EN 60947-1  
IEC/EN 60947-3  
UL98

Certifications

CCC  
CSA C22.2 n°4  
cULus according to UL98  
EAC

ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter