



|                                                           |  |  |                   |                   |
|-----------------------------------------------------------|--|--|-------------------|-------------------|
| Product designation                                       |  |  | Changeover Switch |                   |
| Product type designation                                  |  |  | GLC               |                   |
| Number of poles                                           |  |  | Nr.               | 3                 |
| Operating voltage type                                    |  |  | AC                |                   |
| Contact characteristics                                   |  |  |                   |                   |
| IEC Conventional free air thermal current I <sub>th</sub> |  |  | A                 | 250               |
| Rated insulation voltage U <sub>i</sub> IEC/EN            |  |  | V                 | 1000              |
| Rated impulse withstand voltage U <sub>imp</sub>          |  |  | kV                | 12                |
| Operating current I <sub>e</sub>                          |  |  |                   |                   |
| AC-31B                                                    |  |  |                   |                   |
|                                                           |  |  | 400V              | A 250             |
|                                                           |  |  | 500V              | A 250             |
|                                                           |  |  | 690V              | A 250             |
| AC-32B                                                    |  |  |                   |                   |
|                                                           |  |  | 400V              | A 250             |
|                                                           |  |  | 500V              | A 250             |
|                                                           |  |  | 690V              | A 250             |
| AC-33B                                                    |  |  |                   |                   |
|                                                           |  |  | 400V              | A 250             |
|                                                           |  |  | 500V              | A 250             |
|                                                           |  |  | 690V              | A 250             |
| Power dissipation per pole max                            |  |  | W                 | 6.5               |
| Rated operational power AC23A                             |  |  |                   |                   |
|                                                           |  |  | 400V              | kW 140            |
|                                                           |  |  | 690V              | kW 250            |
| Rated short time current (1s) I <sub>cw</sub> (rms)       |  |  | kA                | 6                 |
| Rated short time current (0.3s) I <sub>cw</sub> (rms)     |  |  | kA                | 12                |
| Conditional short-circuit current (rms)                   |  |  | kA                | 100               |
| Short-circuit protection with fuse                        |  |  | Class/A           | gG/250            |
| Making capacity AC23A 400V                                |  |  | A                 | 2500              |
| Breaking capacity AC23A 400V                              |  |  | A                 | 2000              |
| Mechanical life                                           |  |  | cycles            | 20000             |
| Mechanical features                                       |  |  |                   |                   |
| Operating position                                        |  |  | normal allowable  | Vertical plan Any |
| Fixing                                                    |  |  | Screw             |                   |
| Terminals                                                 |  |  | type              | M8 x 20           |
| Tightening torque for terminals                           |  |  |                   |                   |
|                                                           |  |  | min               | Nm 15             |
|                                                           |  |  | max               | Nm 22             |
|                                                           |  |  | min               | lbin 132          |
|                                                           |  |  | max               | lbin 194          |

## Conductor section

|               |                 |     |
|---------------|-----------------|-----|
| IEC min       | mm <sup>2</sup> | 70  |
| IEC max       | mm <sup>2</sup> | 185 |
| AWG/kcmil min |                 | 00  |
| AWG/kcmil max |                 | 400 |

## Ambient conditions

### Operating temperature

|     |    |     |
|-----|----|-----|
| min | °C | -25 |
| max | °C | +55 |

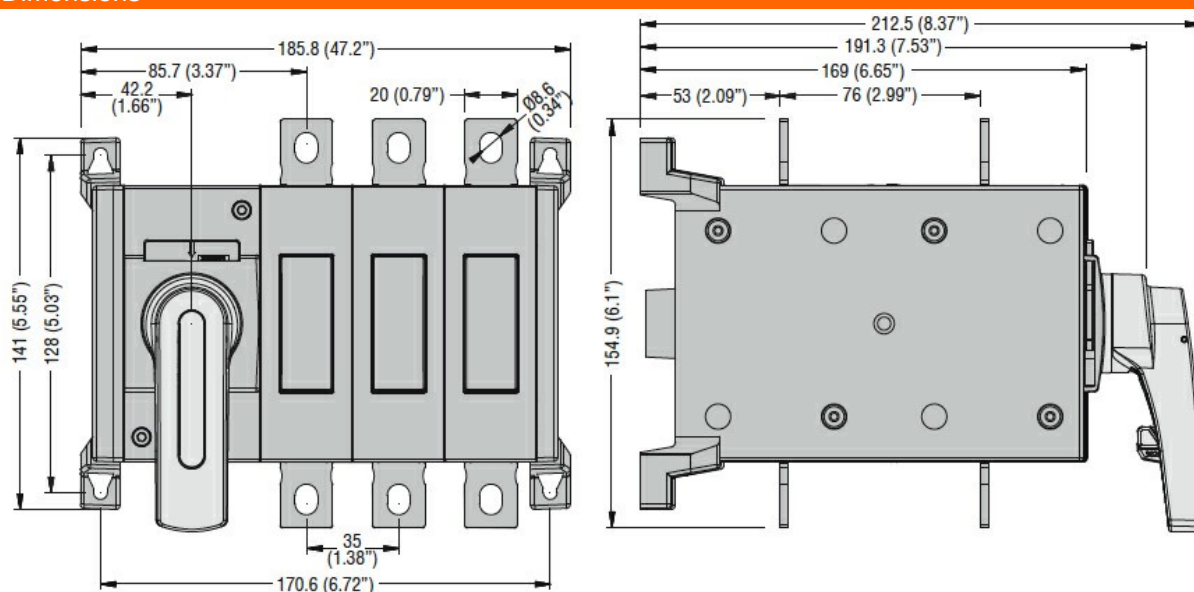
### Storage temperature

|     |    |     |
|-----|----|-----|
| min | °C | -40 |
| max | °C | +70 |

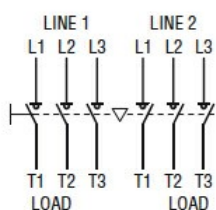
### Max altitude

|   |      |
|---|------|
| m | 3000 |
|---|------|

## Dimensions



## Wiring diagrams



## Certifications and compliance

### Compliance

IEC/EN 60947-1  
IEC/EN 60947-3  
IEC/EN 60947-6-1

## ETIM classification

ETIM 8.0

EC000216 -  
Switch  
disconnecter