



### Contact characteristics

|                                                                    |           |                      |
|--------------------------------------------------------------------|-----------|----------------------|
| Number of poles                                                    | Nr.       | 4                    |
| Rated insulation voltage $U_i$ IEC/EN                              | V         | 690                  |
| Rated impulse withstand voltage $U_{imp}$                          | kV        | 6                    |
| IEC Conventional free air thermal current $I_{th} \leq 40^\circ C$ | A         | 10                   |
| Tightening torque for terminals                                    | min       | Nm 0.8               |
|                                                                    | max       | Nm 1                 |
|                                                                    | min       | Ibin 7               |
|                                                                    | max       | Ibin 9               |
| Max number of wires simultaneously connectable                     | Nr.       | 2                    |
| Conductor section                                                  | AWG/Kcmil |                      |
|                                                                    | max       | 14                   |
| Flexible w/o lug conductor section                                 | min       | mm <sup>2</sup> 0.75 |
|                                                                    | max       | mm <sup>2</sup> 2.5  |
| Flexible c/w lug conductor section                                 | min       | mm <sup>2</sup> 0.75 |
|                                                                    | max       | mm <sup>2</sup> 2.5  |
| Flexible with insulated spade lug conductor section                | min       | mm <sup>2</sup> 0.75 |
|                                                                    | max       | mm <sup>2</sup> 2.5  |

### Mechanical features

|                    |                     |                          |
|--------------------|---------------------|--------------------------|
| Operating position | normal<br>allowable | On vertical plane<br>Any |
| Fixing             |                     | Front centre<br>mounting |
| Weight             | g                   | 48                       |
| Terminals screw    |                     | Screw                    |

### Auxiliary contact characteristics

|                              |      |             |
|------------------------------|------|-------------|
| Type of contact              |      | 2NO + 2NC   |
| Thermal current $I_{th}$     | A    | 10          |
| IEC/EN 60947-5-1 designation |      | A600 - Q600 |
| Operating current AC15       | 230V | A 3         |
|                              | 400V | A 1.9       |
|                              | 500V | A 1.4       |
| Operating current DC13       | 24V  | A 3         |
|                              | 48V  | A 1.5       |
|                              | 60V  | A 1.2       |
|                              | 110V | A 0.6       |
|                              | 125V | A 0.55      |

|      |   |      |
|------|---|------|
| 220V | A | 0.27 |
| 600V | A | 0.1  |

#### Safety related data

|                                                                     |     |
|---------------------------------------------------------------------|-----|
| Mirror contacts according to IEC/EN 609474-4-1 annex F              | Yes |
| Mechanically linked contacts according to IEC/EN 609474-5-1 annex L | Yes |

#### Electrical characteristics

|                                         |           |
|-----------------------------------------|-----------|
| Conductivity                            | 5V 10 mA  |
| UL/CSA and IEC/EN 60947-5-1 designation | A600 Q600 |
| Operating current AC15                  |           |

|      |   |     |
|------|---|-----|
| 120V | A | 6   |
| 240V | A | 3   |
| 480V | A | 1.5 |
| 600V | A | 1.2 |

#### Operating current DC13

|      |   |      |
|------|---|------|
| 12V  | A | 10   |
| 250V | A | 0.27 |
| 440V | A | 0.15 |
| 500V | A | 0.13 |

#### UL technical data

|                                   |   |     |
|-----------------------------------|---|-----|
| Rated operational voltage AC (UL) | V | 600 |
|-----------------------------------|---|-----|

#### Ambient conditions

##### Temperature

##### Operating temperature

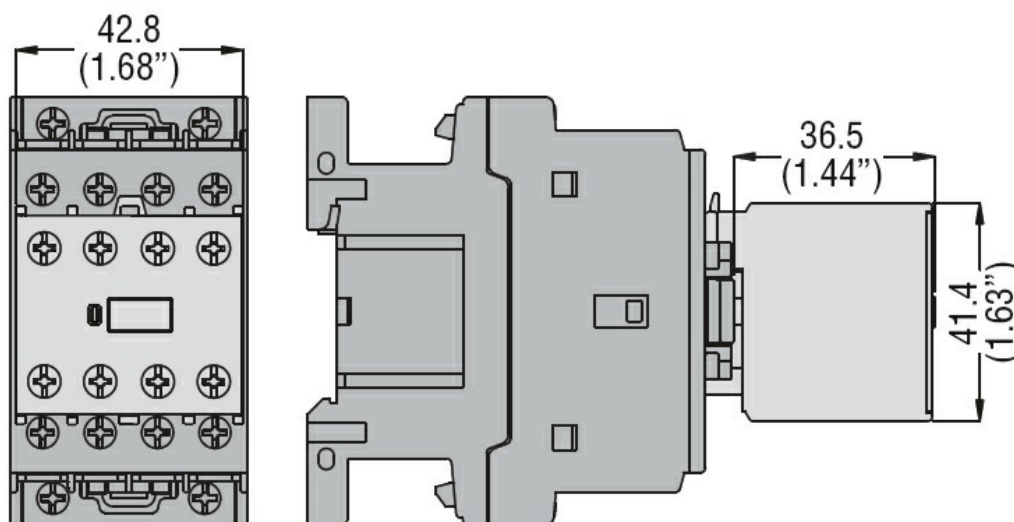
|     |    |     |
|-----|----|-----|
| min | °C | -50 |
| max | °C | +70 |

##### Storage temperature

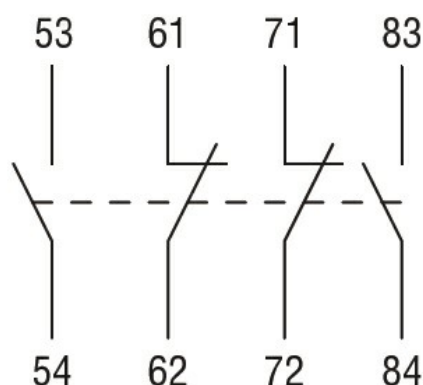
|     |    |     |
|-----|----|-----|
| min | °C | -60 |
| max | °C | +80 |

|              |   |      |
|--------------|---|------|
| Max altitude | m | 3000 |
|--------------|---|------|

#### Dimensions



#### Wiring diagrams



## Certifications and compliance

### Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-5-1

IEC/EN 60335-2-89

IEC/EN 60947-1

IEC/EN 60947-5-1

UL 60947-1

UL 60947-5-1

### Certificates

CCC

CSA C22.2 n. 60335-2-40:22 LZGH A2L

CSA C22.2 No. 60335-2-89:21 LZGH A2L

cULus

EAC

UL 60335-2-40 LZGH A2L

UL 60335-2-89 LZGH A2L

## ETIM classification

ETIM 8.0

EC000041 -  
Auxiliary contact  
block