



#### Contact characteristics

|                                                      |  |     |      |      |
|------------------------------------------------------|--|-----|------|------|
| Number of poles                                      |  | Nr. | 4    |      |
| Rated insulation voltage Ui IEC/EN                   |  | V   | 690  |      |
| Rated impulse withstand voltage Uimp                 |  | kV  | 6    |      |
| IEC Conventional free air thermal current Ith ≤ 40°C |  | A   | 10   |      |
| Tightening torque for terminals                      |  | min | Nm   | 0.8  |
|                                                      |  | max | Nm   | 1    |
|                                                      |  | min | Ibin | 9    |
|                                                      |  | max | Ibin | 9    |
| Tightening torque for coil terminal                  |  | min | Ibin | 9    |
|                                                      |  | max | Ibin | 9    |
| Max number of wires simultaneously connectable       |  | Nr. | 2    |      |
| Conductor section                                    |  |     |      |      |
| AWG/Kcmil                                            |  |     |      |      |
|                                                      |  | max | 12   |      |
| Flexible w/o lug conductor section                   |  | min | mm²  | 0.75 |
|                                                      |  | max | mm²  | 2.5  |
| Flexible c/w lug conductor section                   |  | min | mm²  | 0.75 |
|                                                      |  | max | mm²  | 2.5  |
| Flexible with insulated spade lug conductor section  |  | min | mm²  | 0.75 |
|                                                      |  | max | mm²  | 2.5  |

#### Mechanical features

|                    |                     |                          |
|--------------------|---------------------|--------------------------|
| Operating position | normal<br>allowable | On vertical plane<br>Any |
| Fixing             |                     | Front centre<br>mounting |
| Weight             | g                   | 28                       |
| Terminals screw    |                     | Screw                    |

#### Auxiliary contact characteristics

|                              |             |    |     |
|------------------------------|-------------|----|-----|
| Type of contact              | 3NO +1 NC   |    |     |
| Thermal current Ith          | 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 60947-4-1 annex F              | Yes |
| Mechanically linked contacts according to IEC/EN 60947-5-1 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

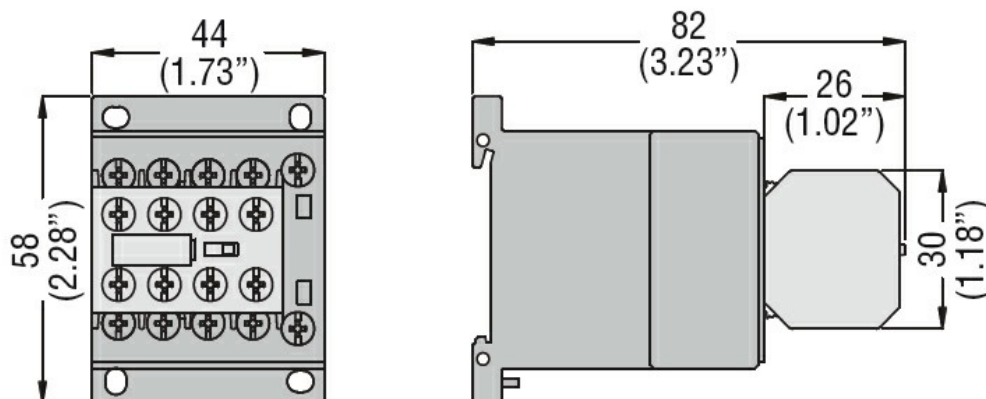
|     |    |     |
|-----|----|-----|
| min | °C | -50 |
| max | °C | +70 |

##### Storage temperature

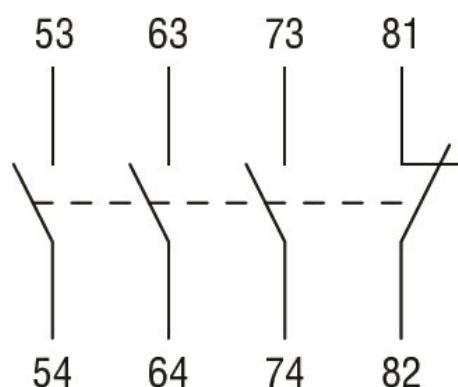
|     |    |     |
|-----|----|-----|
| min | °C | -60 |
| max | °C | +80 |

|              |   |      |
|--------------|---|------|
| 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