



| | | | | |
|--|---|-----------------|-------------------|-------------------|
| Product designation | | | | Auxiliary contact |
| Product type designation | | | | BFX12C |
| Contact characteristics | | | | |
| Number of poles | Nr. | | | 2 |
| 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} | A | | | 10 |
| Tightening torque for terminals | min | Nm | 0.8 | |
| | max | Nm | 1 | |
| | min | lbin | 7 | |
| | max | lbin | 9 | |
| Max number of wires simultaneously connectable | Nr. | | | 2 |
| Conductor section | AWG/Kcmil | | | |
| | | max | 14 | |
| | Flexible w/o lug conductor section | | | |
| | min | mm ² | 0.75 | |
| | max | mm ² | 2.5 | |
| | Flexible c/w lug conductor section | | | |
| | min | mm ² | 0.75 | |
| | max | mm ² | 2.5 | |
| | Flexible with insulated spade lug conductor section | | | |
| | min | mm ² | 0.75 | |
| max | mm ² | 2.5 | | |
| Mechanical features | | | | |
| Operating position | normal | | On vertical plane | |
| | allowable | | Any | |
| Fixing | | | | Side mounting |
| Weight | | | | g 44 |
| Terminals screw | | | | Screw |
| Conductor section | AWG/kcmil conductor section | | | |
| | | max | 14 | |
| | IEC | | | |
| | max | mm ² | 1 or 2 x 2.5 | |
| Auxiliary contact characteristics | | | | |
| Type of contact | | | | 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 |

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 |

Ambient conditions

Temperature

Operating temperature

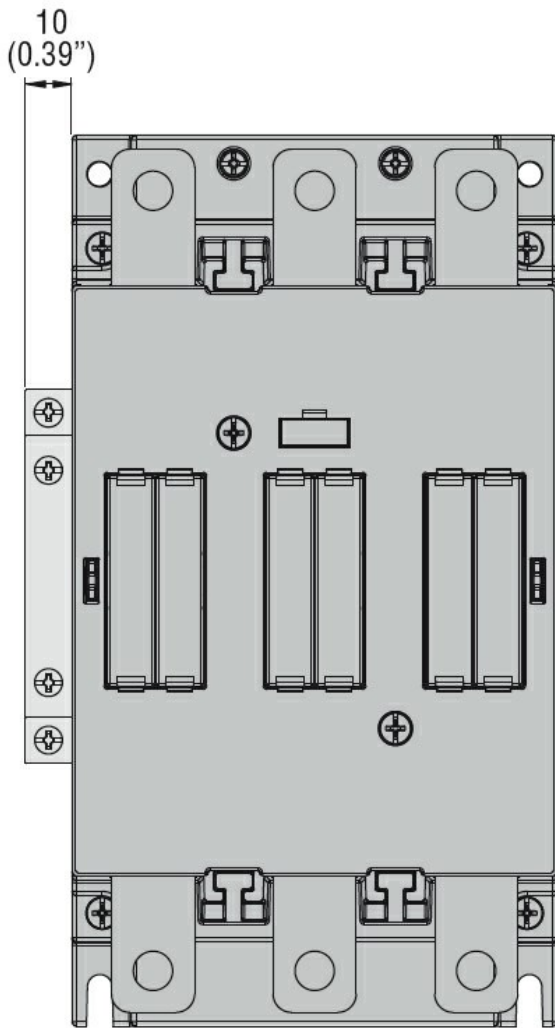
| | | |
|-----|----|-----|
| min | °C | -50 |
| max | °C | +70 |

Storage temperature

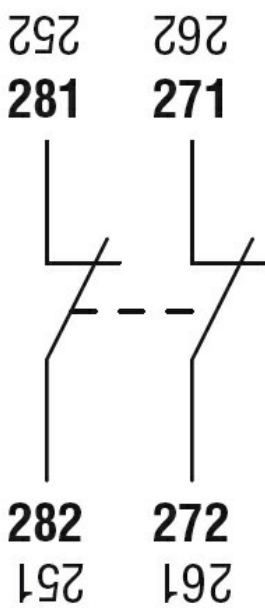
| | | |
|-----|----|-----|
| min | °C | -60 |
| max | °C | +80 |

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

Dimensions



Wiring diagrams



Certifications and compliance

Certificates

CCC

cULus