



Product designation  
Product type designation

Auxiliary contact  
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<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             |                     | Side mounting            |
| Weight             | g                   | 44                       |
| Terminals screw    |                     | Screw                    |

#### Auxiliary contact characteristics

|                              |      |             |
|------------------------------|------|-------------|
| Type of contact              |      | 1NO+1NC     |
| 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 |

#### UL technical data

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

#### Ambient conditions

##### Temperature

##### Operating temperature

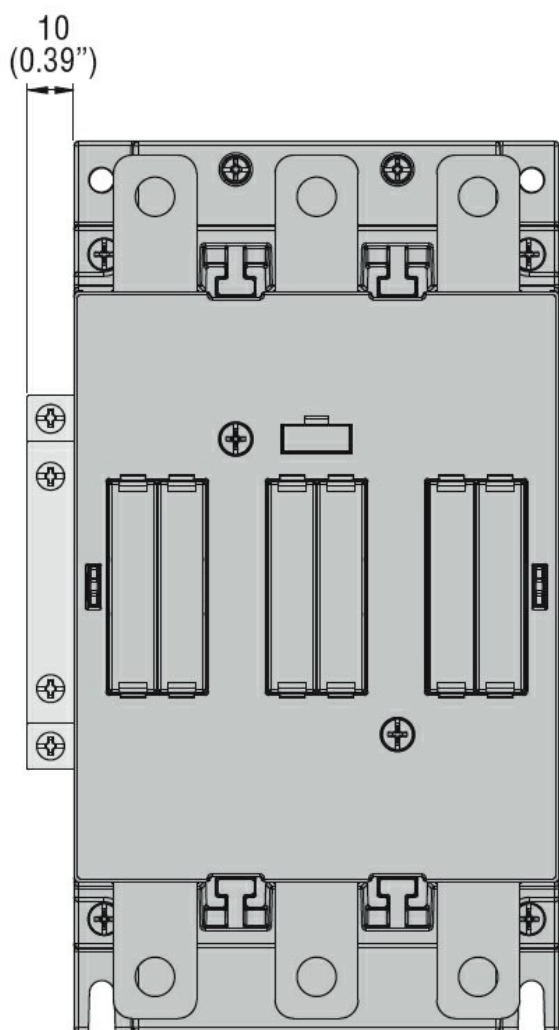
|     |    |     |
|-----|----|-----|
| min | °C | -50 |
| max | °C | +70 |

##### Storage temperature

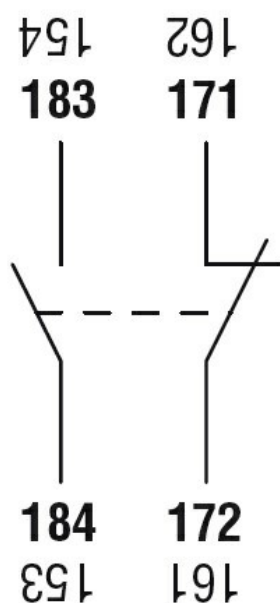
|     |    |     |
|-----|----|-----|
| min | °C | -60 |
| max | °C | +80 |

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

#### Dimensions



## Wiring diagrams



## Certifications and compliance

### Certificates

CCC

cULus

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