



Auxiliary contact
BFX10

Product designation

Product type designation

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} | 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

Front centre mounting

Weight

g 48

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

4NC

Thermal current I_{th}

A 10

IEC/EN 60947-5-1 designation

A600 - Q600

Operating current AC15

| | | |
|------|---|-----|
| 230V | A | 3 |
| 400V | A | 1.9 |

| | | | |
|------------------------|------|---|------|
| Operating current DC13 | 500V | A | 1.4 |
| | 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

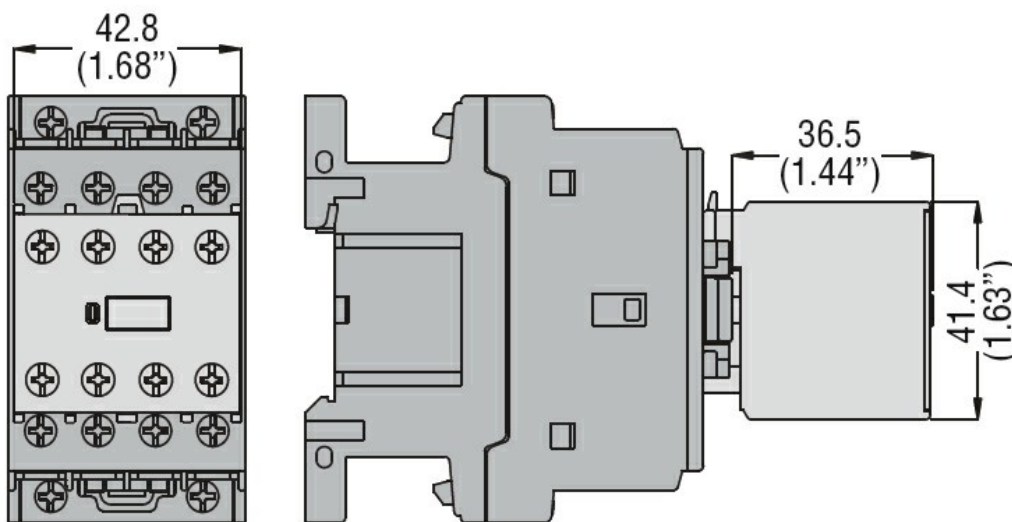
| | | | |
|------------------------|------|---|-----|
| Operating current AC15 | 120V | A | 6 |
| | 240V | A | 3 |
| | 480V | A | 1.5 |
| | 600V | A | 1.2 |

| | | | |
|------------------------|------|---|------|
| Operating current DC13 | 12V | A | 10 |
| | 250V | A | 0.27 |
| | 440V | A | 0.15 |
| | 500V | A | 0.13 |

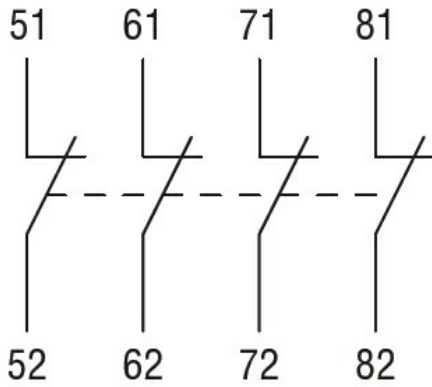
Ambient conditions

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

Compliance

CSA C22.2 n° 60947-1

CSA C22.2 n° 60947-5-1

IEC/EN 60947-1

IEC/EN 60947-5-1

UL 60947-1

UL 60947-5-1

Certificates

CCC

cULus

EAC

ETIM classification

ETIM 8.0

EC000041 -
Auxiliary contact
block