



Product designation
Product type designation

Auxiliary contact
BFX10

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
allowable

On vertical plane
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 | 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

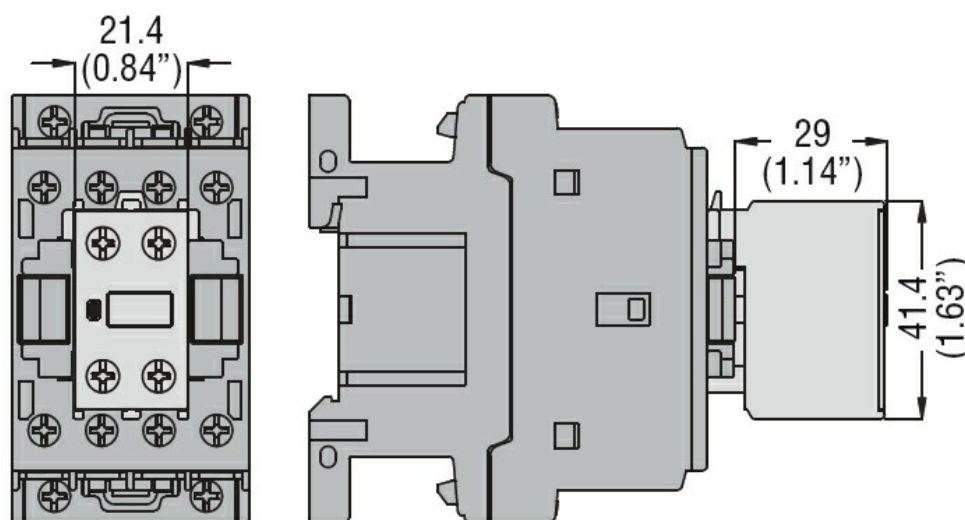
| | | | |
|---|-----------|---|-----|
| Conductivity | 5V 10 mA | | |
| UL/CSA and IEC/EN 60947-5-1 designation | A600 Q600 | | |
| Operating current AC15 | 120V | A | 6 |
| | 240V | A | 3 |
| | 480V | A | 1.5 |
| | 600V | A | 1.2 |

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

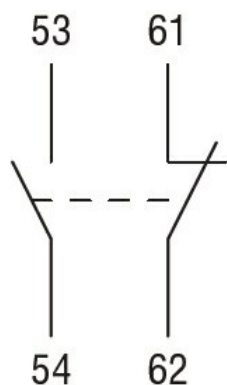
Ambient conditions

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