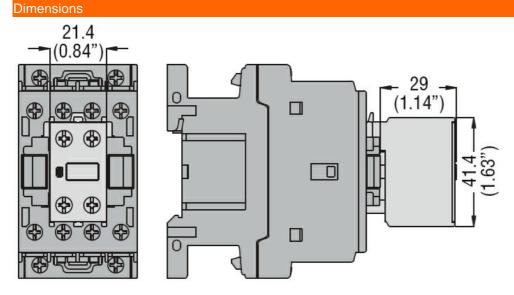
**electric** Auxiliary contact with front centre mounting. Screw terminals, for BF... series contactors, 1NO + 1NC ENERGY AND AUTOMATION



|   |   |           |        | •                   |
|---|---|-----------|--------|---------------------|
| Product designation                           |   |           |        | Auxiliary contact   |
| Product type designat                         | ion   |           |        | BFX10               |
| Contact characteristics                       | S   |           |        |                     |
| Number of poles                               |   |           | Nr.    | 2                   |
| Rated insulation voltage                      | ne Ui IFC/FN  |           | V      | 690                 |
|   |   |           | kV     | 6                   |
| Rated impulse withstand voltage Uimp          |   |           |        |                     |
| IEC Conventional free air thermal current Ith |   |           | Α      | 10                  |
| Tightening torque for t                       | erminals  | _         |        |                     |
|   |   | 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   |           |        |                     |
|   | 7.00 O/T.O/TIII                                     | max       |        | 14                  |
|   | Clavible w/e lug conductor acetion                  | IIIdx     |        |                     |
|   | Flexible w/o lug conductor section                  |           |        | 0.75                |
|   |   | 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                           |   | Пах       |        | 210                 |
| Operating position                            |   |           |        |                     |
| Operating position                            |   |           |        | On wording I whom a |
|   |   | 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       |        |                     |
|   | illo  | may       | mm²    | 1 or 2 x 2.5        |
| A cualliant assets at also us                 | votovistico   | max       | 111111 | 1 01 2 X 2.3        |
| Auxiliary contact chara                       | actensiics  |           |        | 4110 4110           |
| Type of contact                               |   |           |        | 1NO+1NC             |
| Thermal current Ith                           |   |           | Α      | 10                  |
| IEC/EN 60947-5-1 de                           | signation   |           |        | A600 - Q600         |
| Operating current AC1                         | 15  |           |        |                     |
| . •   |   | 230V      | Α      | 3                   |
|   |   | 400V      | Α      | 1.9                 |
|   |   | 100 4     | , ,    |                     |

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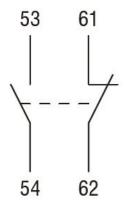
|   | 500V | Α  | 1.4          |
|---|------|----|--------------|
| Operating current DC13                  |      |    |              |
|   | 24V  | Α  | 3            |
|   | 48V  | Α  | 1.5          |
|   | 60V  | Α  | 1.2          |
|   | 110V | Α  | 0.6          |
|   | 125V | Α  | 0.55         |
|   | 220V | Α  | 0.27         |
|   | 600V | Α  | 0.1          |
| Electrical characteristics              |      |    |              |
| Conductivity                            |      |    | 5V 10 mA     |
| UL/CSA and IEC/EN 60947-5-1 designation |      |    | A600 Q600    |
| Operating current AC15                  |      |    |              |
|   | 120V | Α  | 6            |
|   | 240V | Α  | 3            |
|   | 480V | Α  | 1.5          |
|   | 600V | Α  | 1.2          |
| Operating current DC13                  |      |    |              |
|   | 12V  | Α  | 10           |
|   | 250V | Α  | 0.27         |
|   | 440V | Α  | 0.15         |
|   | 500V | Α  | 0.13         |
| Ambient conditions                      |      |    |              |
| Temperature                             |      |    |              |
| Operating temperature                   |      |    |              |
| Speciality Competition                  | min  | °C | -50          |
|   | max  | °C | +70          |
| Storage temperature                     |      |    | <del>-</del> |
| 515.535 15p5.515.5                      | min  | °C | -60          |
|   | max  | °C | +80          |
| Max altitude                            | max  | m  | 3000         |
| MAN ARRANGO                             |      |    | 5500         |



## Wiring diagrams

electric Auxiliary contact with front centre mounting. Screw terminals, for BF... series contactors, 1NO + 1NC

ENERGY AND AUTOMATION



## 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