



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

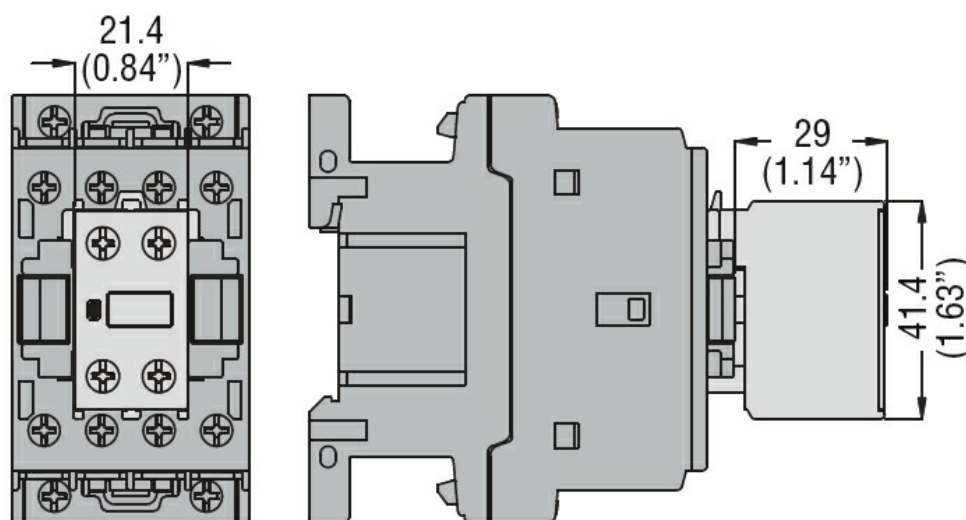
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

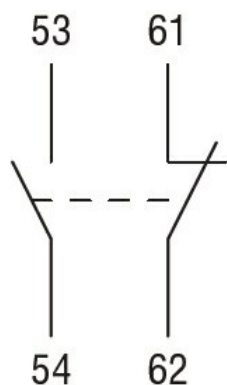
#### Ambient conditions

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