



Auxiliary contact  
BFX10

Product designation

Product type designation

**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
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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 allowable	On vertical plane Any
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Fixing

Front centre mounting

Weight

g 48

Terminals screw

Screw

Conductor section

AWG/kcmil conductor section	max	14
	IEC	
	max	mm <sup>2</sup> 1 or 2 x 2.5

**Auxiliary contact characteristics**

Type of contact	2NO	
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

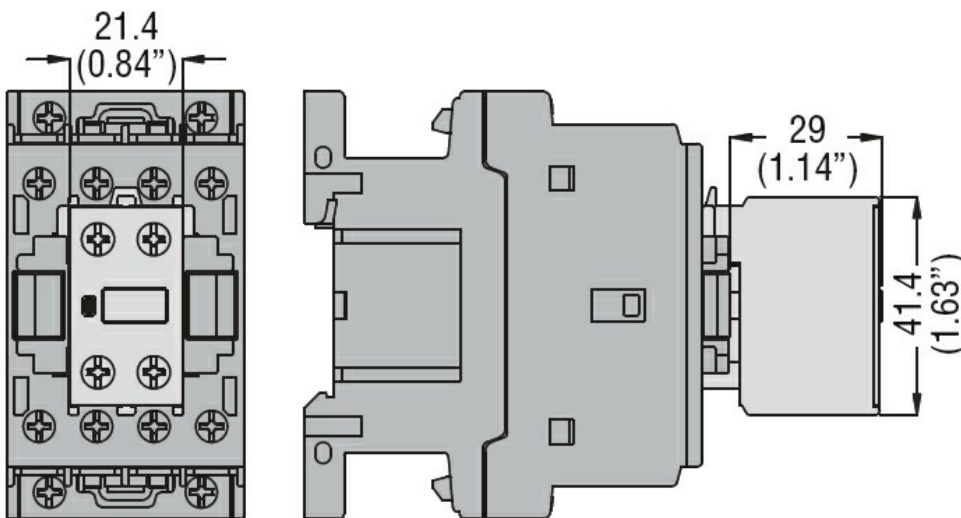
Operating current DC13	12V	A	10
	250V	A	0.27
	440V	A	0.15
	500V	A	0.13

**Ambient conditions**

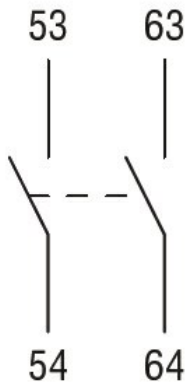
Temperature	Operating temperature	min	°C	-50
		max	°C	+70
Storage temperature	min	°C	-60	
	max	°C	+80	

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  
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