



Product designation	Auxiliary contact
Product type designation	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 <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	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 <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

	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

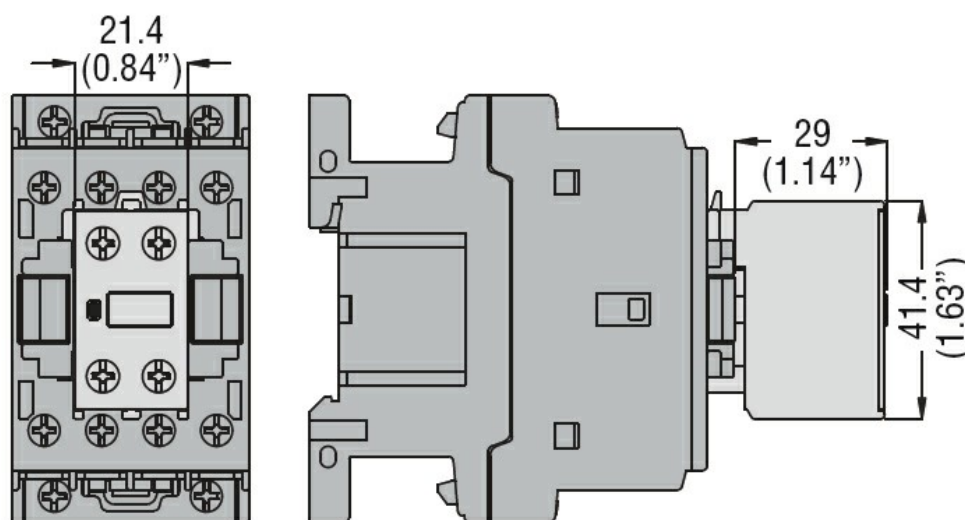
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

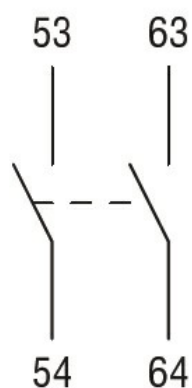
#### Ambient conditions

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  
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