



Product designation				Auxiliary contact
Product type designation				BFX10
<b>Contact characteristics</b>				
Number of poles	Nr.			4
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		
<b>Mechanical features</b>				
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	
<b>Auxiliary contact characteristics</b>				
Type of contact				4NC
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

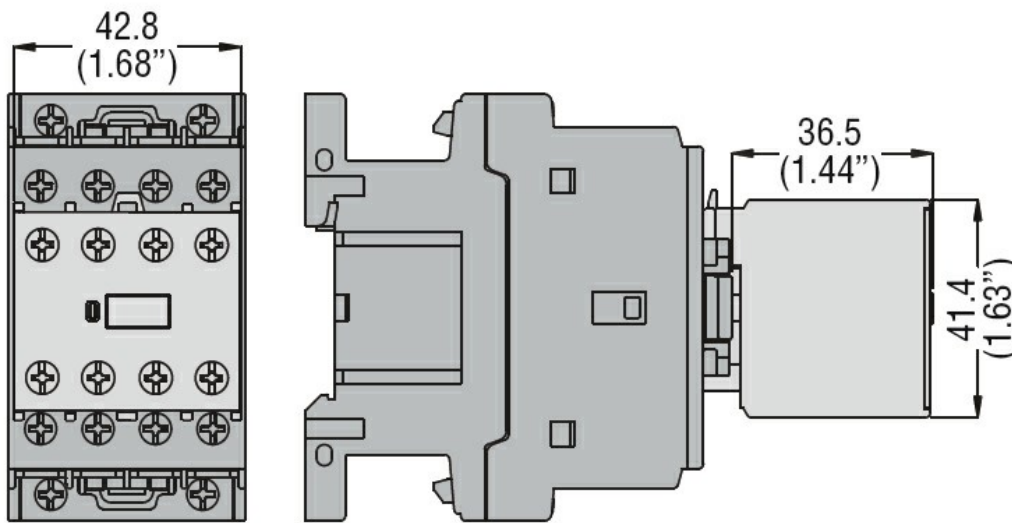
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

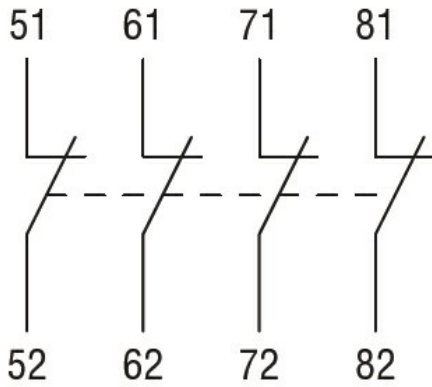
**Ambient conditions**

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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