



Auxiliary contact  
BFX10

Product designation

Product type designation

**Contact characteristics**

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

**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 + 2NC		
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

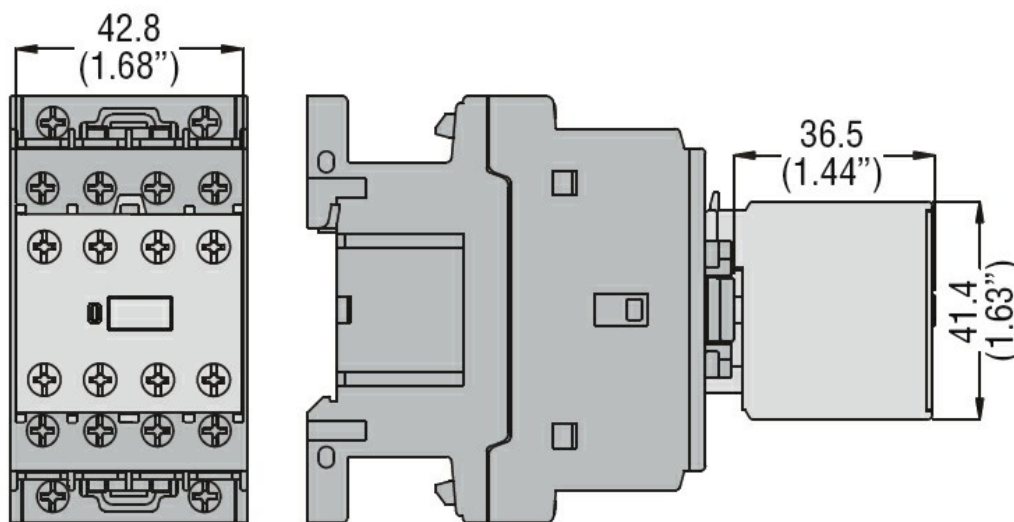
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

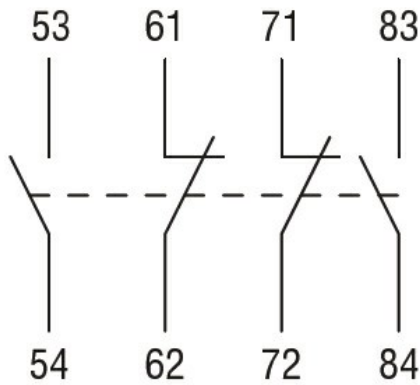
**Ambient conditions**

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  
 block