



Product designation

Auxiliary contact

Product type designation

BFX10

### 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  $mm^2$  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	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

	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

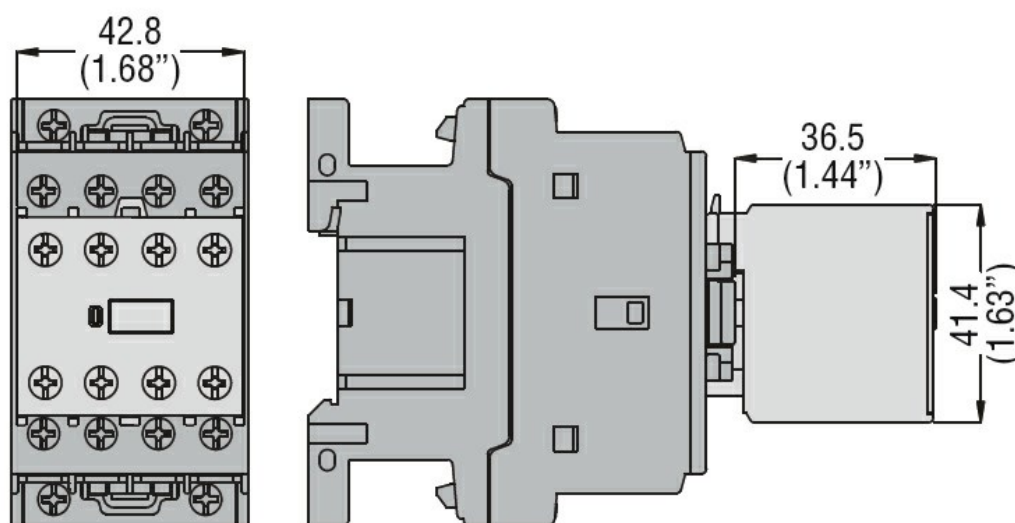
Operating current AC15			
	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

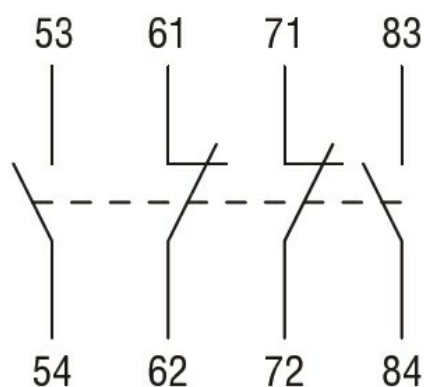
#### Ambient conditions

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