



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

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

UL technical data

Rated operational voltage AC (UL)	V	600
-----------------------------------	---	-----

Ambient conditions

Temperature

Operating temperature

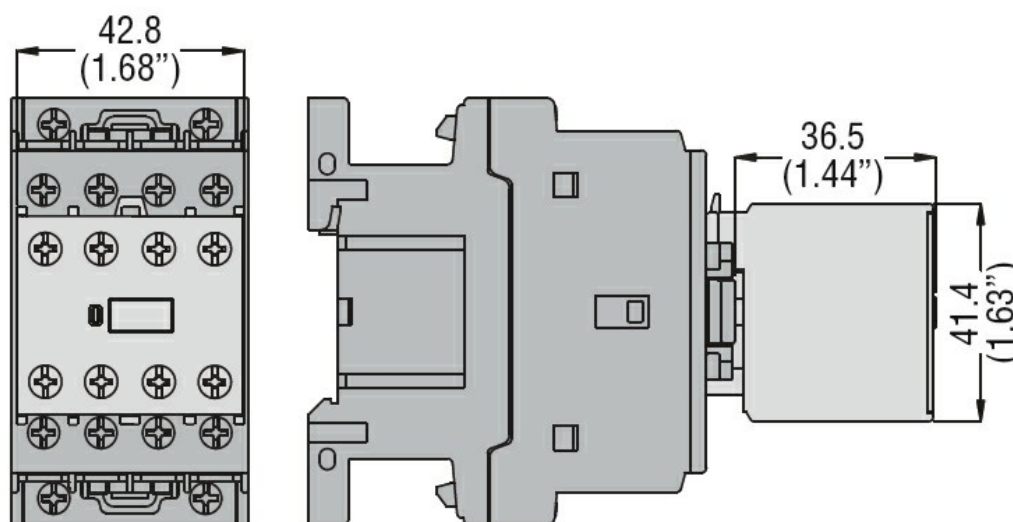
min	°C	-50
max	°C	+70

Storage temperature

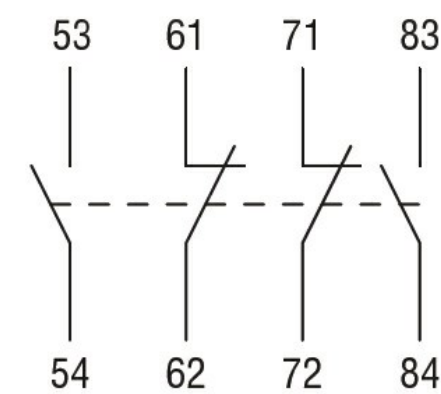
min	°C	-60
max	°C	+80

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