



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			1NO+1NC+1NOEM+	
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

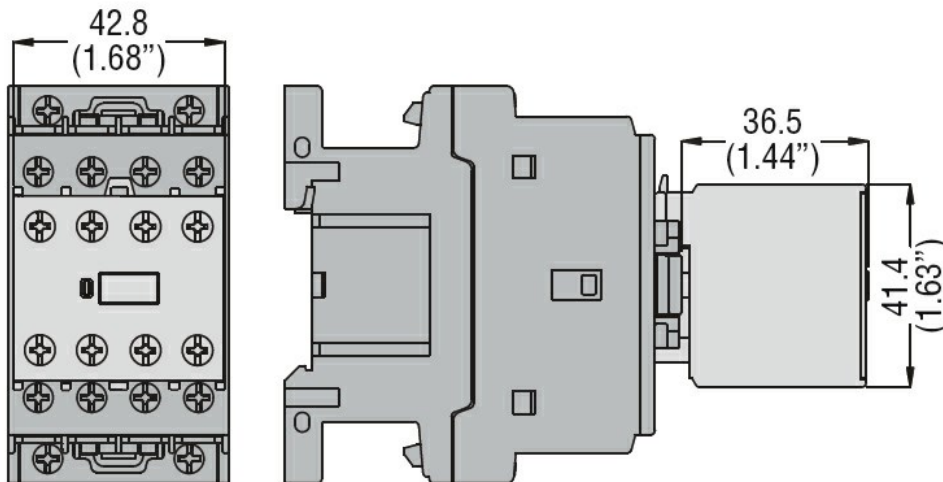
Storage temperature

min	°C	-60
max	°C	+80

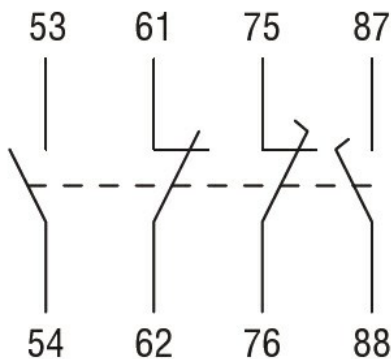
Max altitude

m	3000
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Dimensions [mm (in)]



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