



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		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 ²	1 or 2 x 2.5	
Auxiliary contact characteristics				
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

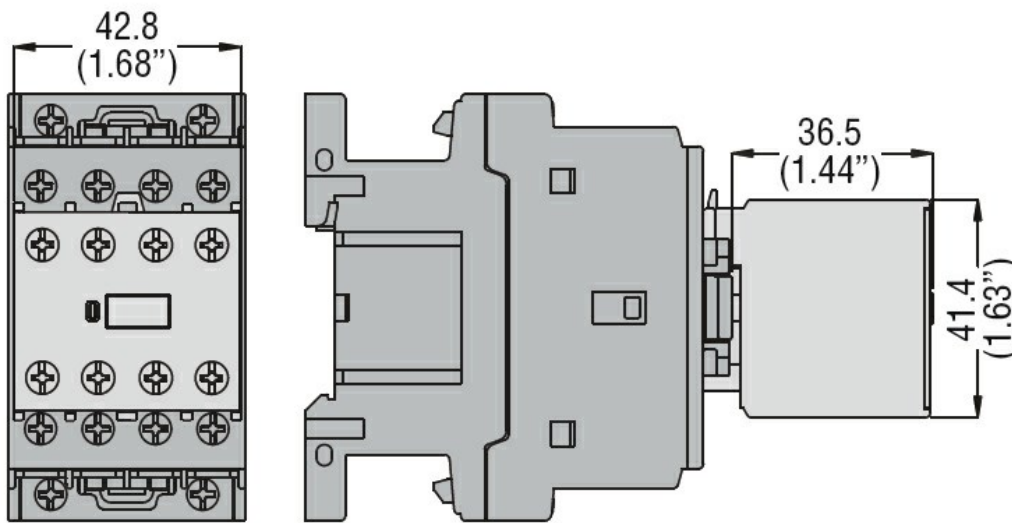
Operating current DC13	12V	A	10
	250V	A	0.27
	440V	A	0.15
	500V	A	0.13

Ambient conditions

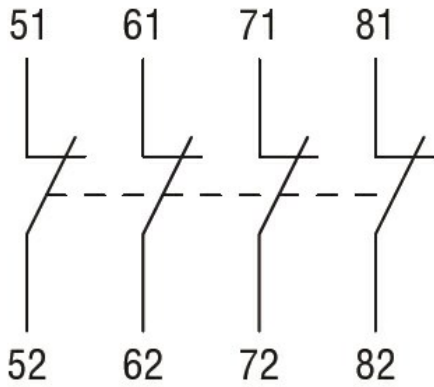
Temperature	Operating temperature		
	min	°C	-50
	max	°C	+70
Storage temperature	Storage temperature		
	min	°C	-60
	max	°C	+80

Max altitude m 3000

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
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