



Product designation				Auxiliary contact
Product type designation				BFX12
<b>Contact characteristics</b>				
Number of poles	Nr.			2
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		
<b>Mechanical features</b>				
Operating position	normal		On vertical plane	
	allowable		Any	
Fixing				Side mounting
Weight				g 44
Terminals screw				Screw
Conductor section	AWG/kcmil conductor section			
		max	14	
	IEC			
	max	mm <sup>2</sup>	1 or 2 x 2.5	
<b>Auxiliary contact characteristics</b>				
Type of contact				1NO+1NC
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

AC coil operating

AC operating voltage

of 50/60Hz coil powered at 50Hz  
pick-up

min	%Us	''
max	%Us	''

Ambient conditions

Temperature

Operating temperature

min	°C	-50
max	°C	+70

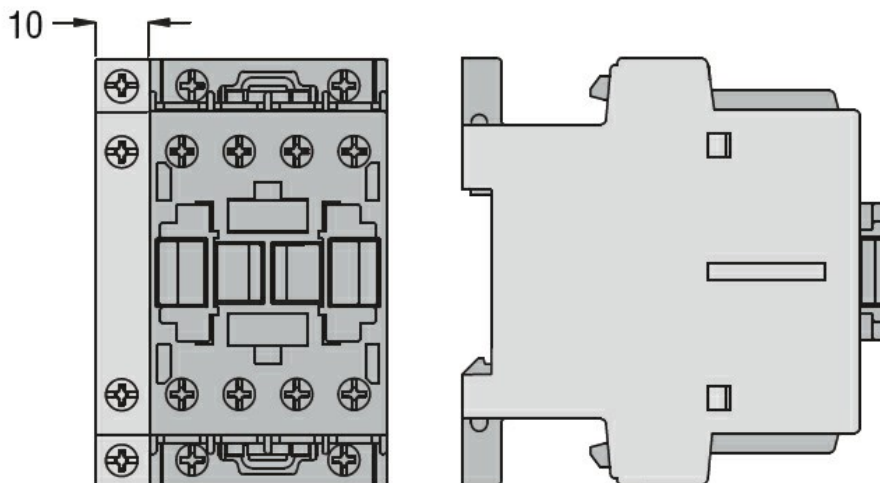
Storage temperature

min	°C	-60
max	°C	+80

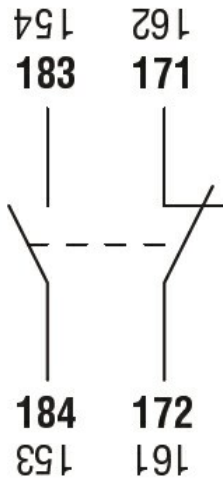
Max altitude

m	3000
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Dimensions



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

- cULus
- EAC

**ETIM classification**

ETIM 8.0

EC000041 -  
 Auxiliary contact  
 block