



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
<b>Auxiliary contact characteristics</b>				
Type of contact				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
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**Ambient conditions**

Temperature

Operating temperature

min	°C	-50
max	°C	+70

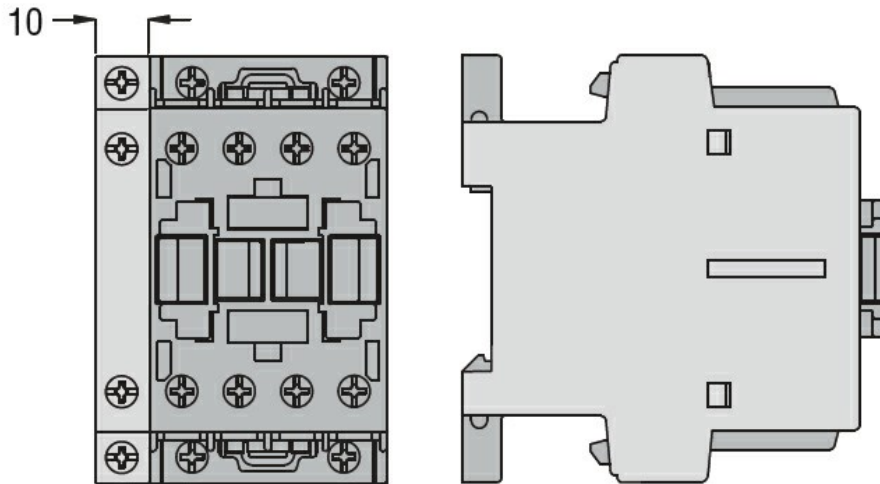
Storage temperature

min	°C	-60
max	°C	+80

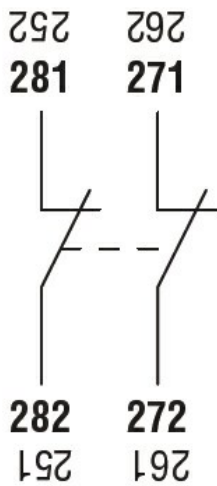
Max altitude

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

CCC

cULus

EAC

### ETIM classification

ETIM 8.0

EC000041 -  
Auxiliary contact  
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