



Product designation Auxiliary contact
Product type designation BFX12

Contact characteristics

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 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		Side mounting
Weight	g	44
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	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

Ambient conditions

Temperature

Operating temperature

min	°C	-50
max	°C	+70

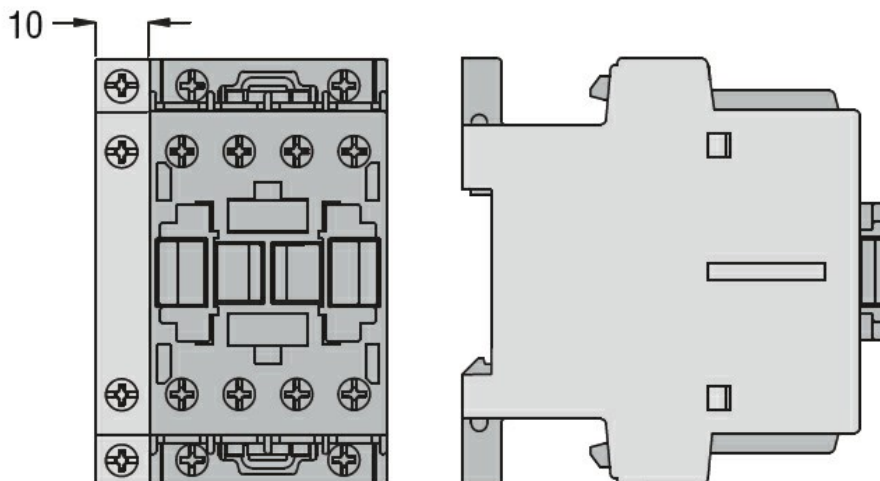
Storage temperature

min	°C	-60
max	°C	+80

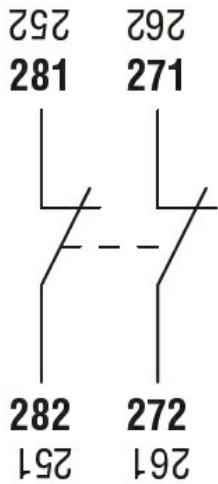
Max altitude

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
 block