



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 $I_{th} \leq 40^\circ C$	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				Side mounting
Weight				g 44
Terminals screw				Screw
Auxiliary contact characteristics				
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	''

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

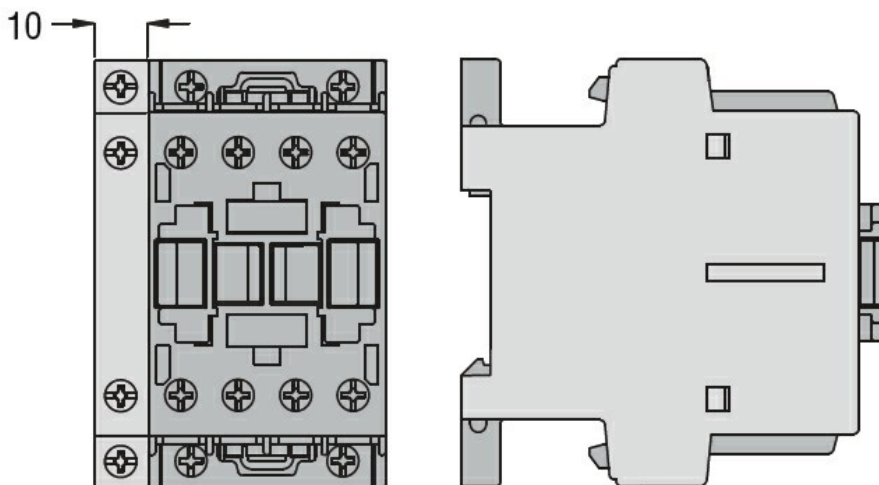
Storage temperature

min	°C	-60
max	°C	+80

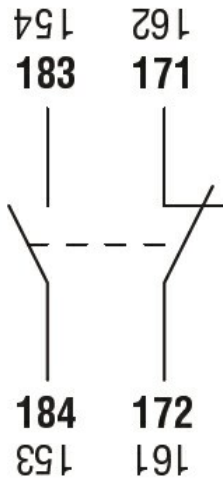
Max altitude

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
block