



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	Ibin	7
	max	Ibin	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
Auxiliary contact characteristics			
Type of contact			2NO
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

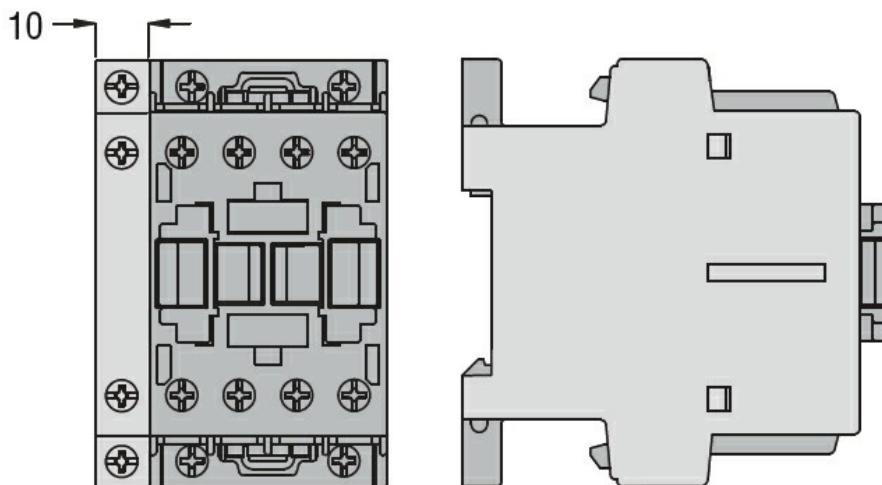
Temperature

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

Max altitude

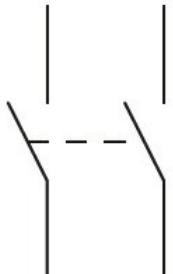
m 3000

Dimensions



Wiring diagrams

154 164
183 173



184 174
163 153

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