



Product designation Auxiliary contact
Product type designation BFX10C

Contact characteristics

Number of poles	Nr.	1	
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		Front mounting		
Weight	g	11		
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		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

Operations

Electrical life	hours	1000000
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Electrical characteristics

Conductivity	5V 10 mA
UL/CSA and IEC/EN 60947-5-1 designation	A600 Q600

Operating current AC15

12V	A	6
24V	A	6
48V	A	6
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

Contact resistance	mΩ	≤20
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Ambient conditions

Temperature

Operating temperature

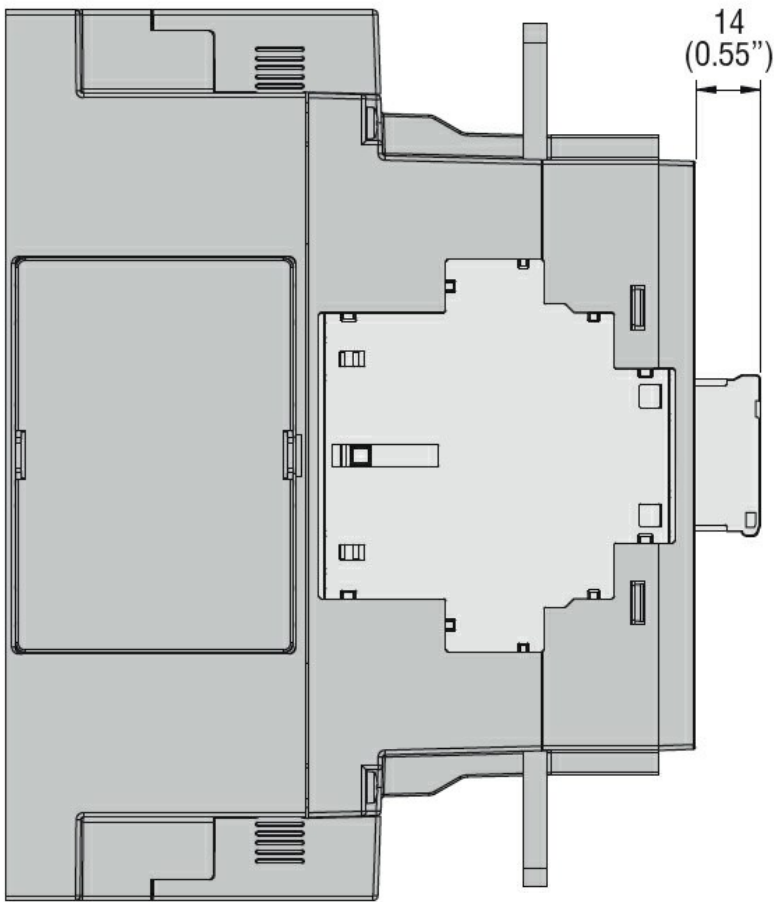
min	°C	-50
max	°C	+70

Storage temperature

min	°C	-60
max	°C	+80

Max altitude	m	3000
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Dimensions



Wiring diagrams



Certifications and compliance

Certificates

cULus

ETIM classification

ETIM 8.0

EC000041 -
Auxiliary contact
block