



Product designation				Auxiliary contact
Product type designation				BFX10
Contact characteristics				
Number of poles	Nr.			4
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				Front centre mounting
Weight			g	48
Terminals screw				Screw
Auxiliary contact characteristics				
Type of contact				2NO + 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

Safety related data

Mirror contats according to IEC/EN 609474-4-1 annex F	Yes
Mechanically linked contats according to IEC/EN 609474-5-1 annex L	Yes

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

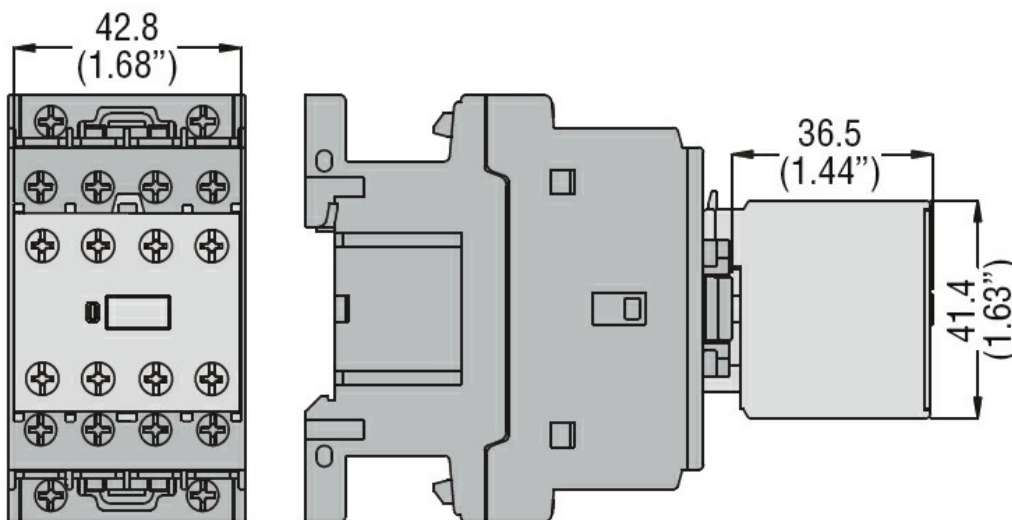
min	°C	-50
max	°C	+70

Storage temperature

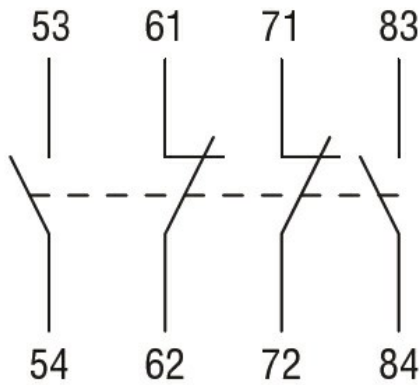
min	°C	-60
max	°C	+80

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 60335-2-89

IEC/EN 60947-1

IEC/EN 60947-5-1

UL 60947-1

UL 60947-5-1

Certificates

CCC

CSA C22.2 n. 60335-2-40:22 LZGH A2L

CSA C22.2 No. 60335-2-89:21 LZGH A2L

cULus

EAC

UL 60335-2-40 LZGH A2L

UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0

EC000041 -
Auxiliary contact
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