



Auxiliary contact
BFX10

Product designation

Product type designation

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

Front centre
mounting

Weight

g 30

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 Ith	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

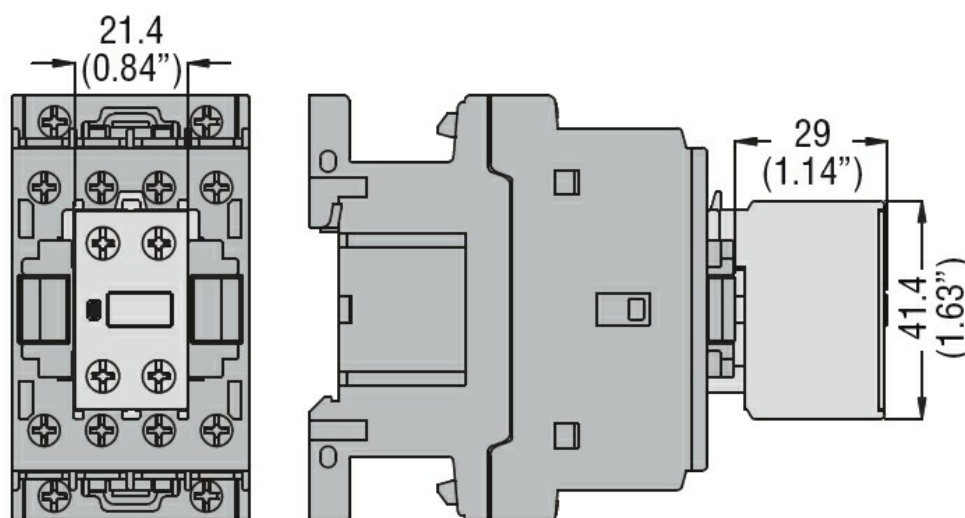
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

Operating current DC13	12V	A	10
	250V	A	0.27
	440V	A	0.15
	500V	A	0.13

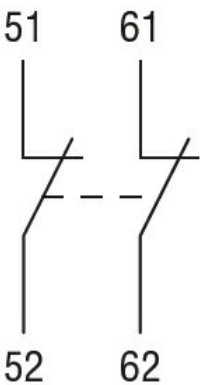
Ambient conditions

Temperature	Operating temperature		
	min	°C	-50
	max	°C	+70
	Storage temperature		
	min	°C	-60
	max	°C	+80
Max altitude	m		3000

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
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