



Product designation
Product type designation

Auxiliary contact
BFX10

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	48
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		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

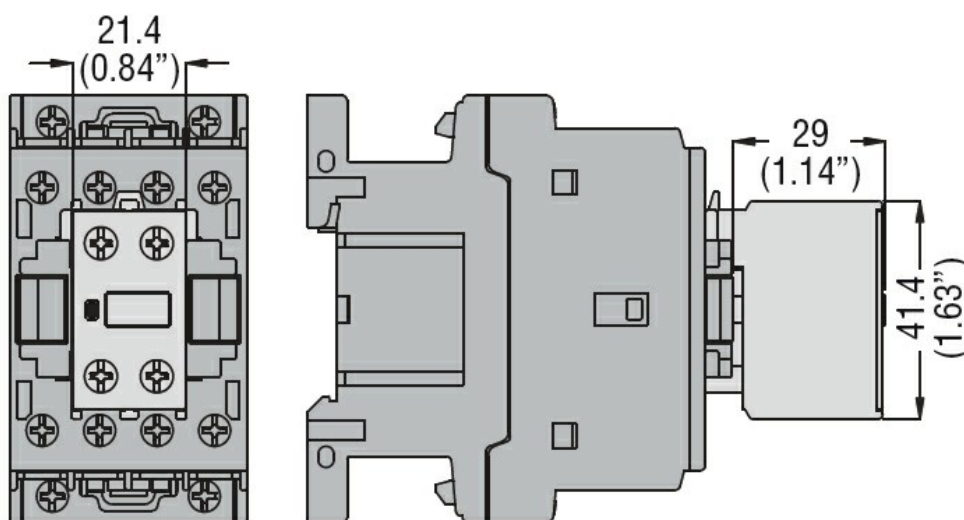
Operating current AC15	120V	A	6
	240V	A	3
	480V	A	1.5
	600V	A	1.2

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

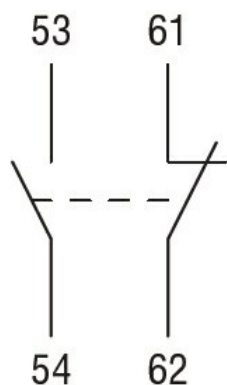
Ambient conditions

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
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