



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	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		Side mounting
Weight	g	44
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

AC coil operating

AC operating voltage

of 50/60Hz coil powered at 50Hz
pick-up

min	%Us	"
max	%Us	"

Ambient conditions

Temperature

Operating temperature

min	°C	-50
max	°C	+70

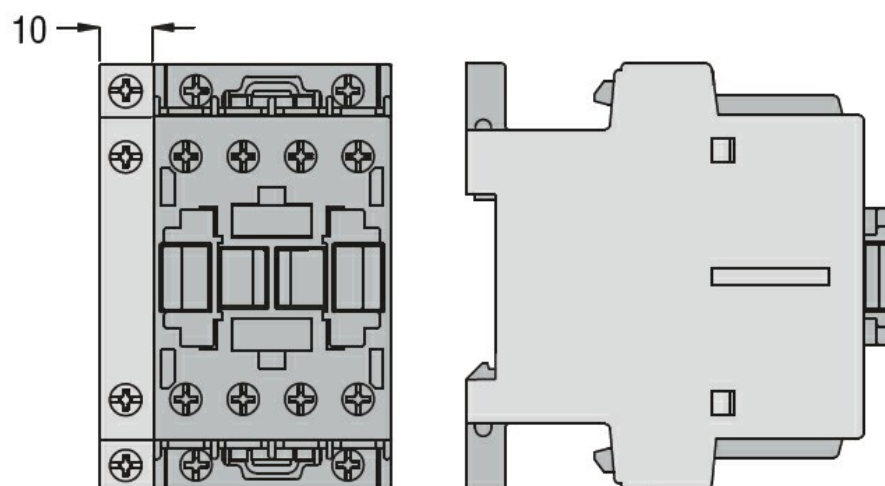
Storage temperature

min	°C	-60
max	°C	+80

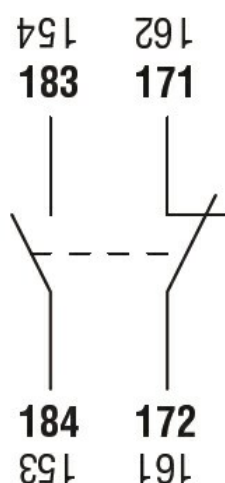
Max altitude

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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