



Product designation
Product type designation

Auxiliary contact
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 allowable	On vertical plane Any
Fixing		Side mounting
Weight	g	44
Terminals screw		Screw

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	""

UL technical data

Rated operational voltage AC (UL)	V	600
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Ambient conditions

Temperature

Operating temperature

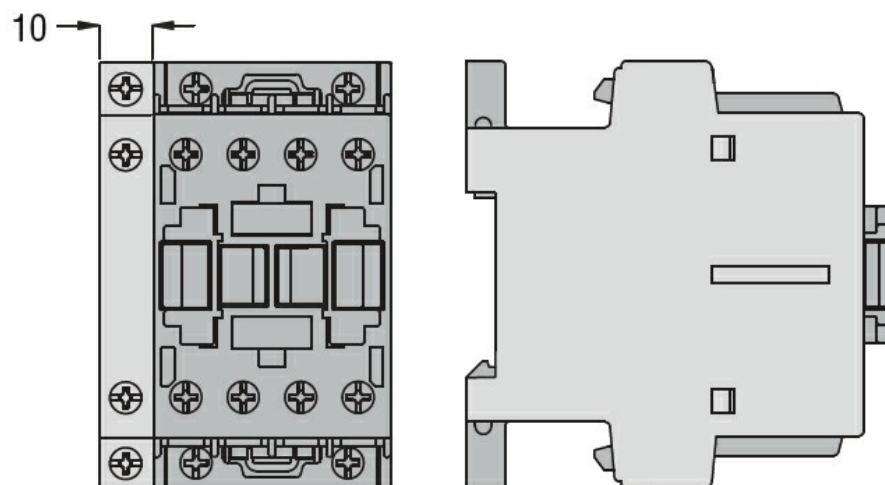
min	°C	-50
max	°C	+70

Storage temperature

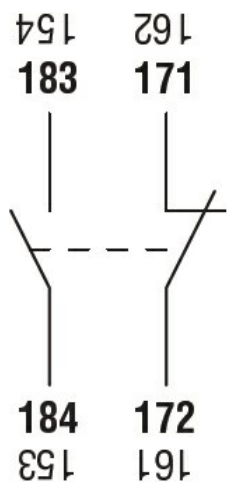
min	°C	-60
max	°C	+80

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 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