

AUXILIARY CONTACT WITH FRONT CENTRE MOUNTING. SCREW TERMINALS, FOR BF...
SERIES CONTACTORS, 1NO + 1NC AND 1EM + 1LB (1 EARLY MAKE + 1 LATE BREAK)



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}	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+1NOEM+		
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

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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

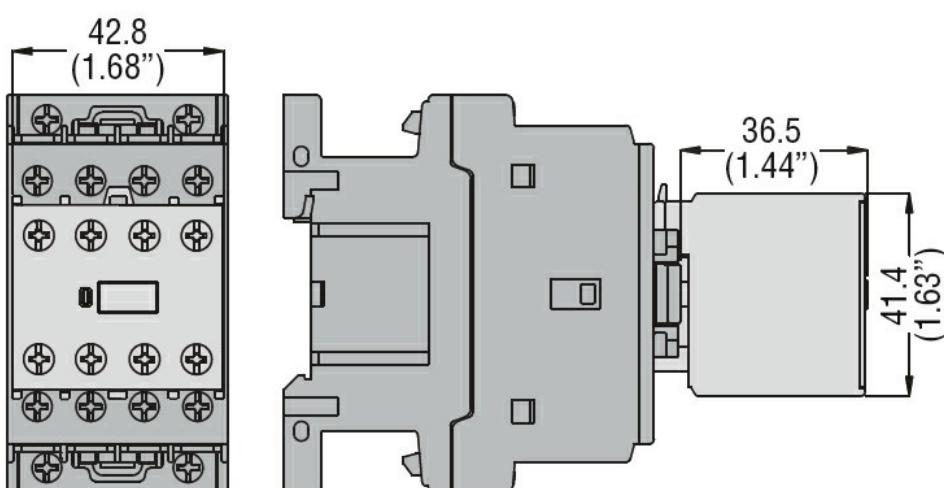
Operating temperature	min	°C	-50
	max	°C	+70

Storage temperature	min	°C	-60
	max	°C	+80

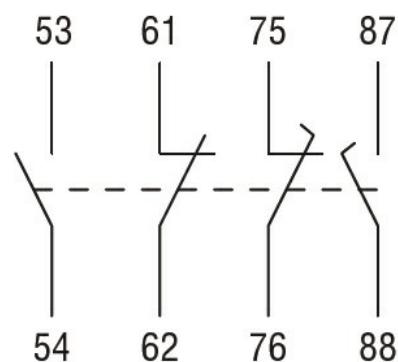
Max altitude

m 3000

Dimensions



Wiring diagrams



Certifications and compliance

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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