



Product designation
Product type designation

Auxiliary contact
BFX10C

Contact characteristics

Number of poles	Nr.	1
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 mounting
Weight	g	11
Terminals screw		Screw

Auxiliary contact characteristics

Type of contact		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

Operations

Electrical life	hours	1000000
-----------------	-------	---------

Electrical characteristics

Conductivity	5V 10 mA
UL/CSA and IEC/EN 60947-5-1 designation	A600 Q600
Operating current AC15	

12V	A	6
24V	A	6
48V	A	6
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

Contact resistance	mΩ	≤20
--------------------	----	-----

UL technical data

Rated operational voltage AC (UL)	V	600
-----------------------------------	---	-----

Ambient conditions

Temperature

Operating temperature

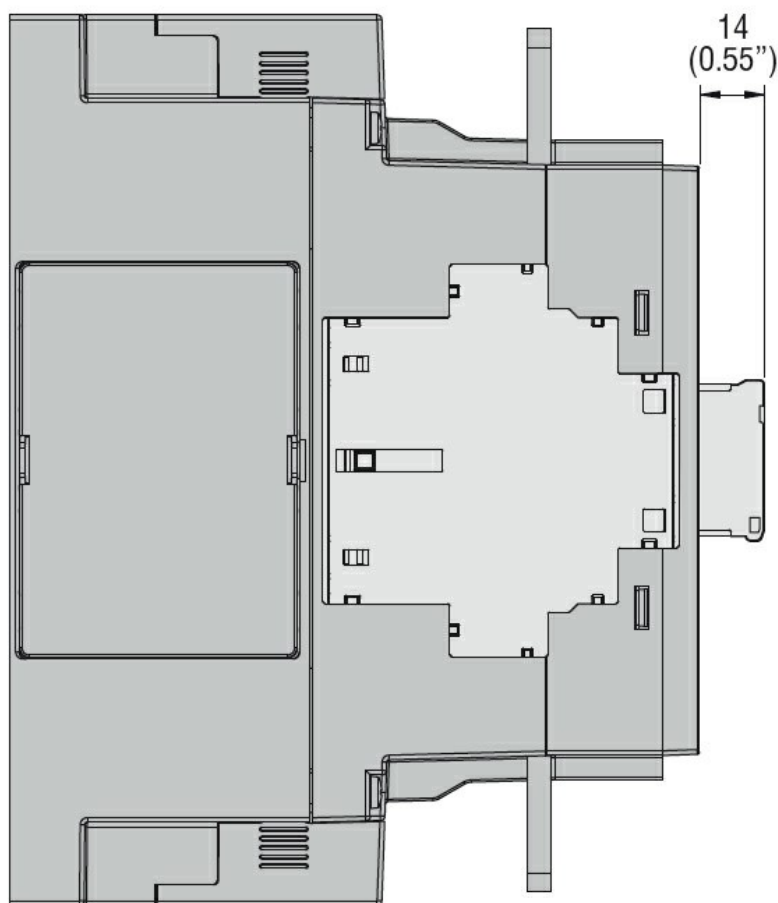
min	°C	-50
max	°C	+70

Storage temperature

min	°C	-60
max	°C	+80

Max altitude	m	3000
--------------	---	------

Dimensions



Wiring diagrams



Certifications and compliance

Certificates

cULus

ETIM classification

ETIM 8.0

EC000041 -
Auxiliary contact
block