chanhvinh.com

Lovato electric
ENERGY AND AUTOMATION

BFX10C01

AUXILIARY CONTACT WITH FRONT MOUNTING. SCREW TERMINALS, FOR BF160…BF630 SERIES CONTACTORS, 1NC; WITH MIRROR CONTACT FUNCTION



Contact characteristics			
Number of poles		Nr.	1
Rated insulation voltage Ui IEC/EN		V	690
Rated impulse withstand voltage Uimp		kV	6
IEC Conventional free air thermal current Ith ≤ 40°C		A	10
Tightening torque for terminals			
	min	Nm	0.8
	max	Nm	1
	min	Ibin	7
	max	Ibin	9
Max number of wires simultaneously connectable		Nr.	2
Conductor section			
AWG/Kcmil			
	max		14
Flexible w/o lug conductor section			
	min	mm²	0.75
	max	mm²	2.5
Flexible c/w lug conductor section			
	min	mm²	0.75
	max	mm²	2.5
Flexible with insulated spade lug conductor section			
	min	mm²	0.75
	max	mm²	2.5
Mechanical features			
Operating position			
	normal		On vertical plane
	allowable		Any
Fixing			Front mounting
Weight		g	11
Terminals screw			Screw
Auxiliary contact characteristics			
Type of contact			1NC
Thermal current Ith		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

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

chanhvinh.com

		600V	A	0.1
Operations				
Electrical life			cycles	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				

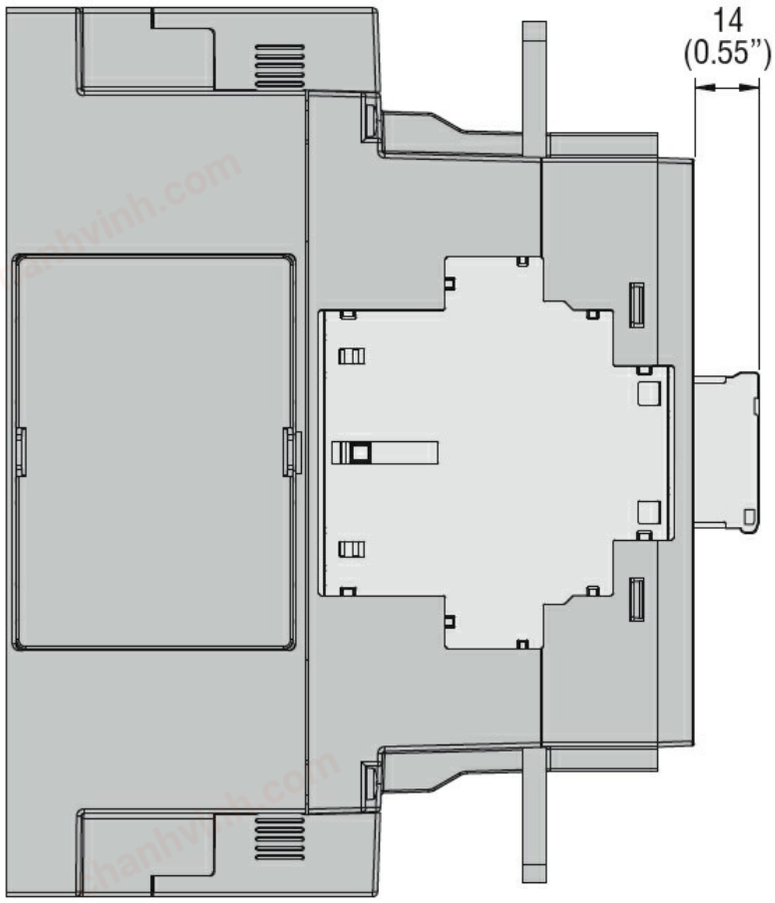
The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

chanhvinh.com

Lovato electric
ENERGY AND AUTOMATION

BFX10C01

AUXILIARY CONTACT WITH FRONT MOUNTING. SCREW TERMINALS, FOR BF160…BF630 SERIES CONTACTORS, 1NC; WITH MIRROR CONTACT FUNCTION



Wiring diagrams



Certifications and compliance

Certificates

cULus

ETIM classification

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

chanhvinh.com

BFX10C01

AUXILIARY CONTACT WITH FRONT MOUNTING. SCREW TERMINALS, FOR BF160…BF630 SERIES CONTACTORS, 1NC; WITH MIRROR CONTACT FUNCTION

ETIM 8.0

EC000041 - Auxiliary contact block

chanhvinh.com

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding