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Lovato electric
ENERGY AND AUTOMATION

BFX1002

AUXILIARY CONTACT WITH FRONT CENTRE MOUNTING. SCREW TERMINALS, FOR BF00, BF09...BF150 SERIES CONTACTORS, 2NC; WITH MIRROR CONTACT FUNCTION



Contact characteristics			
Number of poles		Nr.	2
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 centre mounting
Weight		g	30
Terminals screw			Screw
Auxiliary contact characteristics			
Type of contact			2NC
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	2.5
	48V	A	1.5
	60V	A	1.1
	110V	A	0.55
	125V	A	0.55

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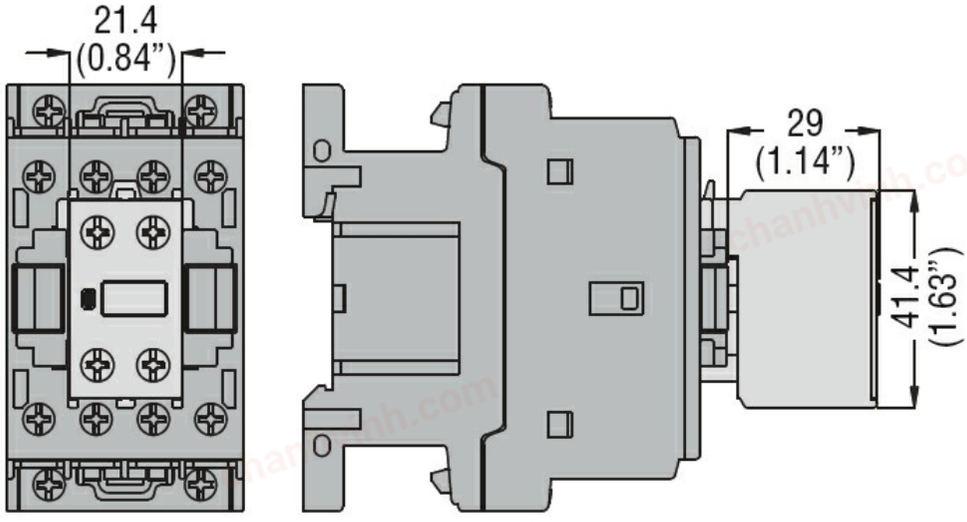
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		220V	A	0.27
		600V	A	0.1
Safety related data				
Mirror contats according to IEC/EN 609474-4-1 annex F				Yes
Electrical characteristics				
Conductivity				5V 10 mA
UL/CSA and IEC/EN 60947-5-1 designation				A600 Q600
Operating current AC15				
		12V	A	10
		24V	A	10
		48V	A	10
		120V	A	6
		240V	A	3
		480V	A	1.5
		600V	A	1.2
Operating current DC13				
		12V	A	5
		250V	A	0.27
		440V	A	0.15
		500V	A	0.13
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
Resistance & Protection				
Pollution degree				3

Dimensions



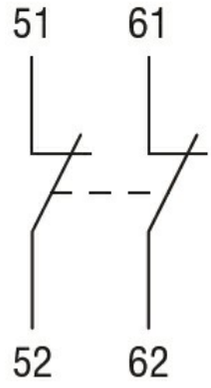
Wiring diagrams

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Certifications and compliance

Compliance

CSA C22.2 n° 60947-1
CSA C22.2 n° 60947-5-1
IEC/EN 60335-2-89
IEC/EN 60947-1
IEC/EN 60947-5-1
UL 60947-1
UL 60947-5-1

Certificates

CCC
CSA C22.2 n. 60335-2-40:22 LZGH A2L
CSA C22.2 No. 60335-2-89:21 LZGH A2L
cULus
EAC
UL 60335-2-40 LZGH A2L
UL 60335-2-89 LZGH A2L

ETIM classification

ETIM 8.0	EC000041 - Auxiliary contact block

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