



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	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	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 allowable	On vertical plane Any
Fixing		Front centre mounting
Weight	g	48
Terminals screw		Screw

Auxiliary contact characteristics

Type of contact	1NO+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	2.5
	48V	A	1.5
	60V	A	1.1
	110V	A	0.55
	125V	A	0.55

220V	A	0.27
600V	A	0.1

Safety related data

Mirror contacts according to IEC/EN 609474-4-1 annex F	Yes
Mechanically linked contacts according to IEC/EN 609474-5-1 annex L	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
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Ambient conditions

Temperature

Operating temperature

min	°C	-50
max	°C	+70

Storage temperature

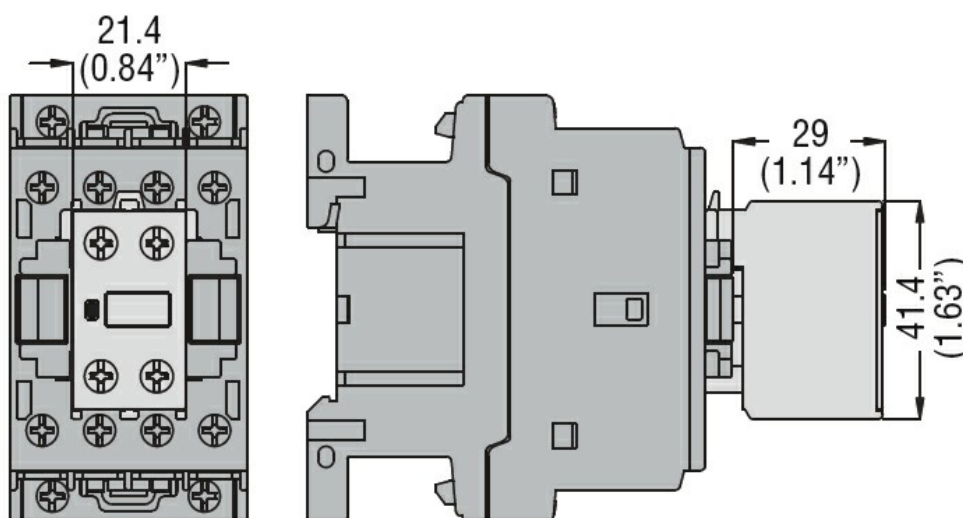
min	°C	-60
max	°C	+80

Max altitude	m	3000
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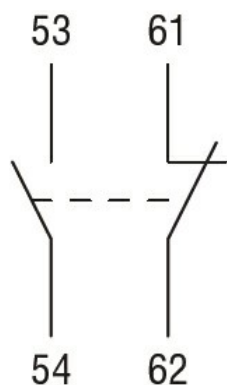
Resistance & Protection

Pollution degree	3
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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 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

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Auxiliary contact
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