



Contact characteristics

Number of poles	Nr.	2
Rated insulation voltage U_i IEC/EN	V	690
Rated impulse withstand voltage U_{imp}	kV	6
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	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	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	30
Terminals screw		Screw

Auxiliary contact characteristics

Type of contact		2NC
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 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 60947-4-1 annex F	Yes
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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

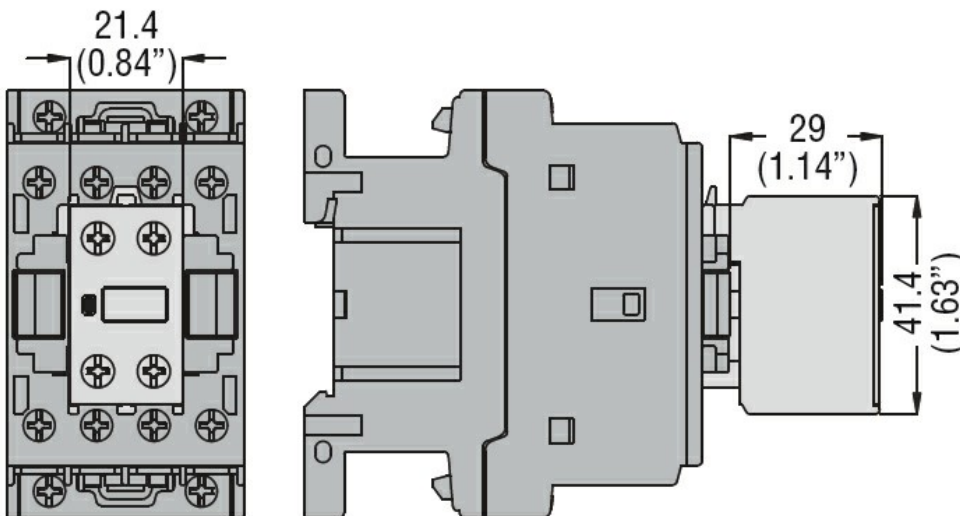
min	°C	-60
max	°C	+80

Max altitude	m	3000
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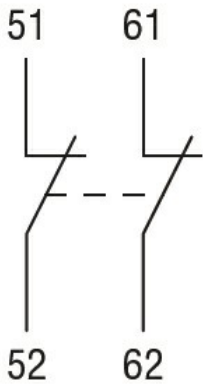
Resistance & Protection

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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