



Contact characteristics

Contact configuration			2 NO
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		4
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A		30
Rated current (I_n)	A		30
Single-phase motor control			
	230VAC	kW	2.2
Contact impedance		m Ω	50
Contact material			Ag/SnO ₂

Operating times

Closing	ms	25
Opening	ms	25

Operations

Mechanical life	cycles	5000000
Electrical life AC1	cycles	100000

Coil characteristics

Relay control voltage	V		24VAC - 50/60Hz
Average coil consumption AC at 20°C	VA		4
Operating range			
	Closing	% U_n	80...110
	Opening	% U_n	20...55
Maximum cycle frequency		cycles/h	360

UL technical data

UL/CSA General Use	A		30A 277V (NO)
Yielded mechanical performance			
for single-phase AC motor			
	110/120V	HP	1 (NO)
	240V	HP	2.5 (NO)
Full-load current (FLA) at 240V	A		14.5 (NO)
Locked rotor current (LRA) at 240V	A		87 (NO)

Mechanical features

Operating position			
	normal		Any
Fixing			With screw

Ambient conditions

Temperature			
Operating temperature			
	min	°C	-40
	max	°C	+85
Storage temperature			
	min	°C	-40
	max	°C	+85

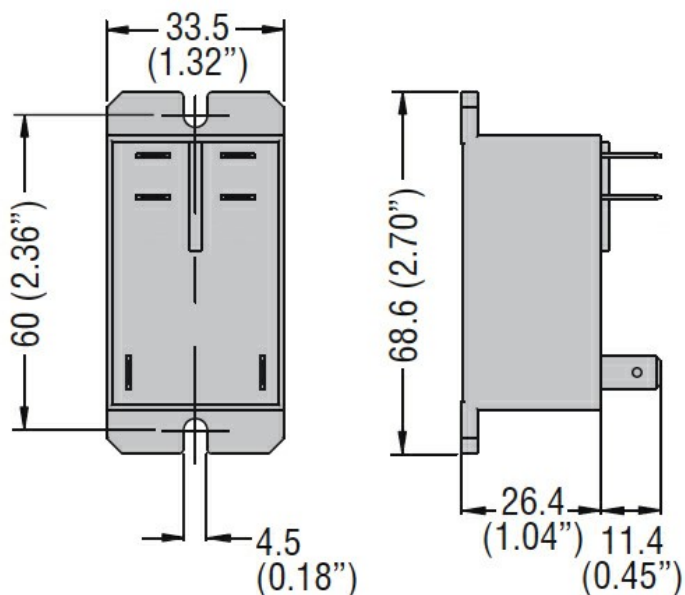
Resistance & Protection

Pollution degree			3
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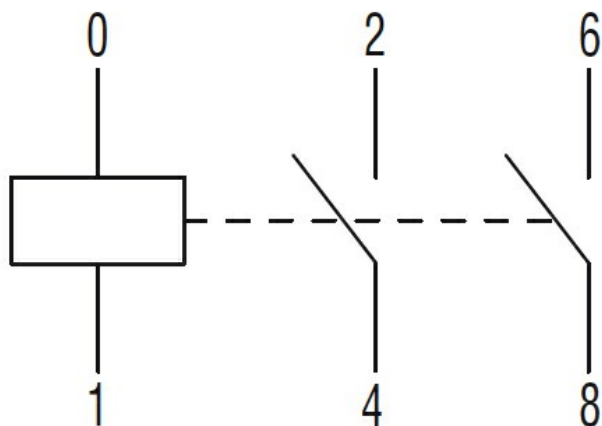
Other features

Indication	No
Mechanical contact position indicator	No
Mechanical test actuator	No

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61810-1

Certificates

cURus

EAC

TUV (ATEX)

VDE

ETIM classification

ETIM 8.0

EC001437 –
Switching relay