



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/SnO2		

Operating times

Closing	ms		25
Opening	ms		25

Operations

Mechanical life	cycles		5000000
Electrical life AC1	cycles		100000

Coil characteristics

Relay control voltage	V		12VDC
Average coil consumption AC at 20°C	VA		1,7
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	$^\circ\text{C}$	-40
	max	$^\circ\text{C}$	+85
	Storage temperature		
	min	$^\circ\text{C}$	-40
	max	$^\circ\text{C}$	+85

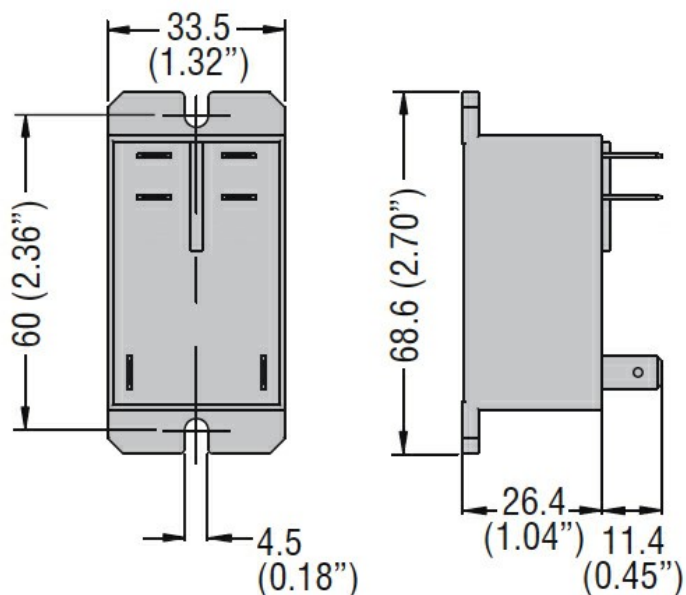
Resistance & Protection

Pollution degree			3
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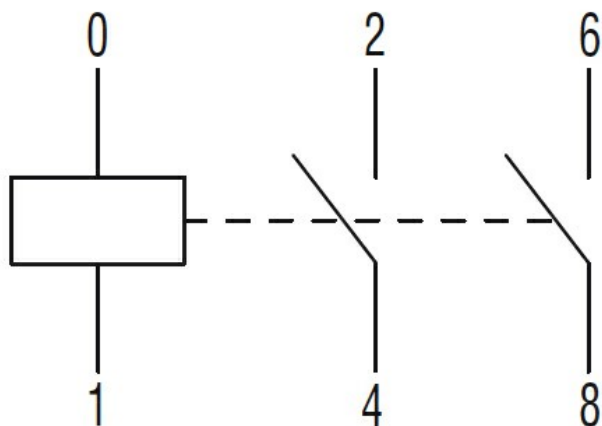
Other features

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