



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		120VAC - 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)
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Yielded mechanical performance
for single-phase AC motor

Full-load current (FLA) at 240V	110/120V	HP	1 (NO)
	240V	HP	2.5 (NO)
Locked rotor current (LRA) at 240V	A		14.5 (NO)
	A		87 (NO)

Mechanical features

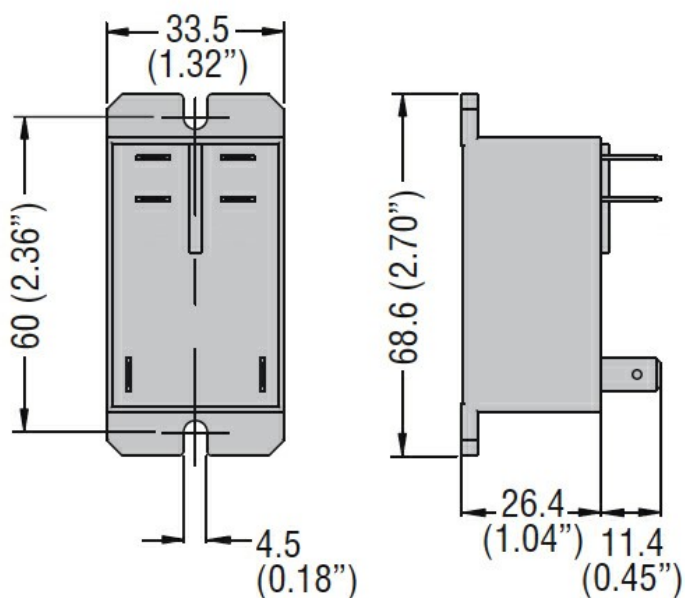
Operating position	normal		Any
Fixing	With screw		

Ambient conditions

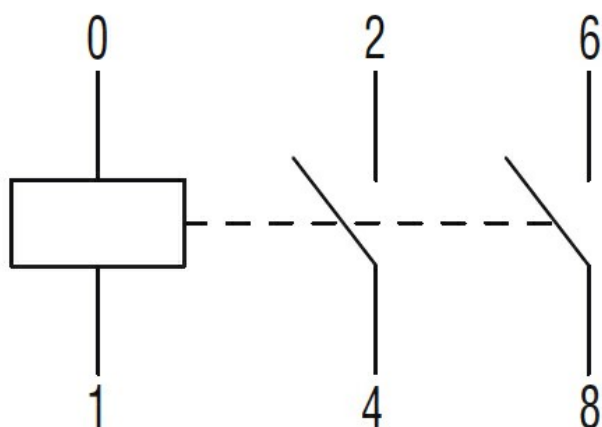
Temperature			
Operating temperature			
	min	°C	-40
	max	°C	+85
Storage temperature			
	min	°C	-40
	max	°C	+85

Resistance & Protection

Pollution degree	3
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
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