



Contact characteristics

Contact configuration			1 C/O
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		6
IEC Conventional free air thermal current $I_{th} \leq 40^\circ\text{C}$	A		16
Maximum instantaneous current	A		25
Rated current (I_n)	A		16
Max contrrollable power in			
	AC-1	W	4000
	AC-15	VA	150
Rated operating power AC-1		VA	4000
Rated operating power AC-15			
	230 VAC	VA	360
Single-phase motor control			
	230VAC	kW	0,75
Rated operating current DC-1			
	30V	A	12
	110V	A	0,5
	220V	A	0,3
Minimum switching load	V / mA		5 / 100
Contact impedance	m Ω		100
Contact material			Ag/SnO ₂

Operating times

Closing	ms	<15
Opening	ms	<20 (AC) / < 10 (DC)

Operations

Mechanical life	cycles	30000000
Electrical life AC1	cycles	100000

Coil characteristics

Relay control voltage	V	12VDC
Average coil consumption AC at 20°C	VA	0,9
Average coil consumption DC at 20°C	W	0,53
Operating range		

Closing	% U_n	80...110
Opening	% U_n	10...30

Maximum cycle frequency	cycles/h	1200
-------------------------	----------	------

Mechanical features

Max socket terminal tightening torque	Nm	1
Socket screw tightening tool (cross / flat blade)		PH1 / 4.5mm
Conductor section		
	AWG/Kcmil	
	min	20
	max	14

IEC

min	mm ²	0.5
max	mm ²	2.5

Operating position

normal	Any
--------	-----

Fixing

On 35mm DIN rail and with screw

Ambient conditions

Temperature

Operating temperature

min	°C	-40
max	°C	+70

Storage temperature

min	°C	-40
max	°C	+85

Other features

Indication

Yes

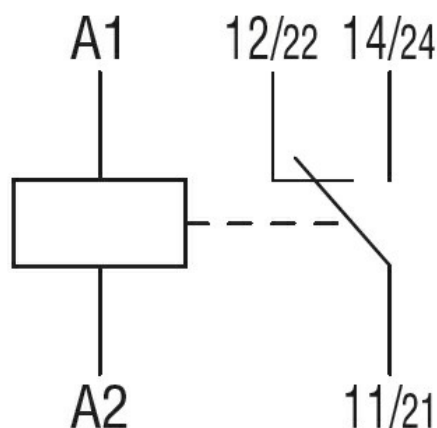
Mechanical contact position indicator

Yes

Mechanical test actuator

Yes

Wiring diagrams



Certifications and compliance

Compliance

IEC/EN/BS 61810-1

Certificates

cURus
TUV

ETIM classification

ETIM 8.0

EC001437 -
Switching relay