



Contact characteristics

Contact configuration			1 C/O
Rated insulation voltage Ui IEC/EN	V		250
Rated impulse withstand voltage Uimp	kV		6
IEC Conventional free air thermal current Ith ≤ 40°C	A		16
Maximum instantaneous current	A		25
Rated current (In)	A		16
Max contrallable 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	mΩ		100
Contact material	Ag/SnO2		

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	24VAC	
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	20...55
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
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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

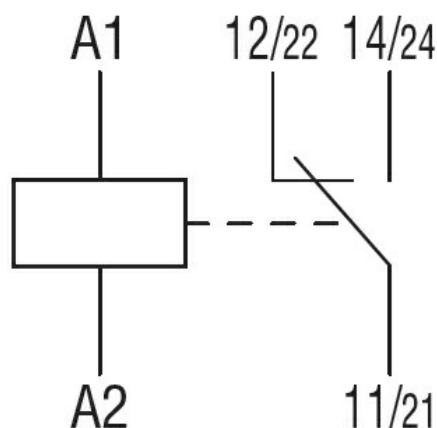
Mechanical contact position indicator

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