



Contact characteristics

Contact configuration			2 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		8
Maximum instantaneous current	A		10
Rated current (In)	A		8
Max contrallable power in	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1	VA		2000
Rated operating power AC-15	230 VAC	VA	150
Rated operating current DC-1	30V	A	8
	110V	A	0.3
	220V	A	0.1
Minimum switching load	V / mA		5 / 100
Contact impedance	mΩ		100
Contact material	Ag/Ni		

Operating times

Closing	ms	<15
Opening	ms	<15

Operations

Mechanical life	cycles	10000000
Electrical life AC1	cycles	50000

Coil characteristics

Relay control voltage	V	110VAC
Average coil consumption AC at 20°C	VA	1
Average coil consumption DC at 20°C	W	0.4

Operating range

Maximum cycle frequency	Closing	% U_n	70...110
	Opening	% U_n	20...55
		cycles/h	3600

Mechanical features

Max socket terminal tightening torque			Nm	0.6
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

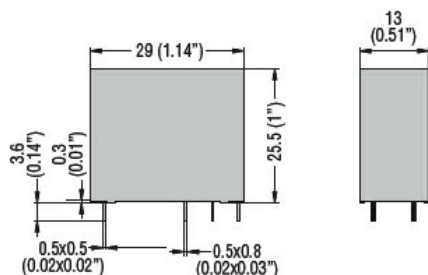
Mechanical contact position indicator

Yes

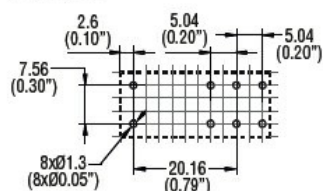
Mechanical test actuator

Yes

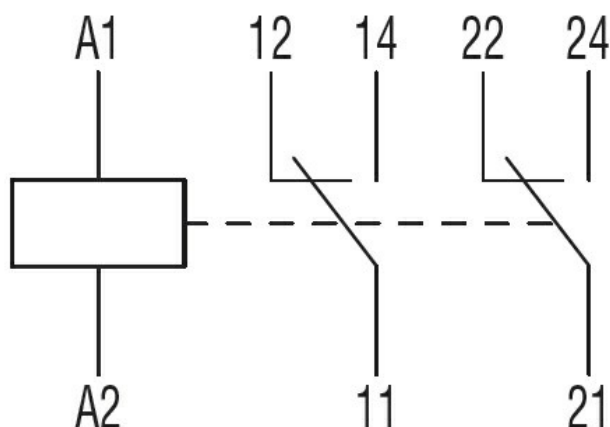
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay