



Product designation

Product type designation

MINIATURE
RELAYS
HR402C

Contact characteristics

Contact configuration	2 C/O		
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		5
IEC Conventional free air thermal current I_{th}	A		10
Maximum instantaneous current	A		26
Rated current (I_n)	A		10
Relay control voltage	V		12VDC
Max contrrollable power in			
	AC-1	W	2500
	AC-15	VA	150
Rated operating power AC-1		VA	2500
Rated operating power AC-15			
	230 VAC	VA	400
Single-phase motor control			
	230VAC	kW	0.3
Rated operating current DC-1			
	30V	A	8
	110V	A	0.3
	220V	A	0.12
Minimum switching load	V / mA		5 / 100
Contact impedance	mΩ		100
Contact material			AgSnO ₂

Operating times

Closing	ms	<15
Opening	ms	<5

Operations

Mechanical life	cycles	10000000
Electrical life AC1	cycles	100000

Coil characteristics

Average coil consumption DC at 20°C	W	0.5
Operating range		
	Closing	% U_n 75...110
	Opening	% U_n 10...30
Maximum cycle frequency	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

IEC	max	14	
	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	
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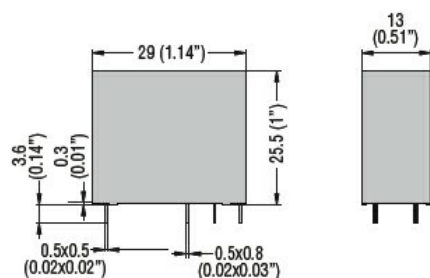
Ambient conditions

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

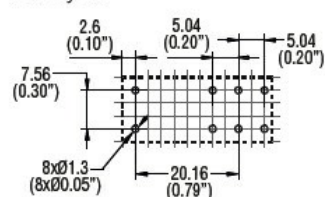
Other features

Indication	No
Mechanical contact position indicator	No
Mechanical test actuator	No

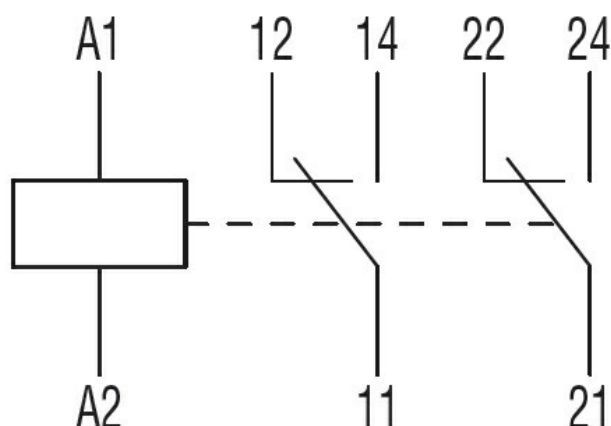
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

ETIM classification

ETIM 8.0

EC001437 –
Switching relay