

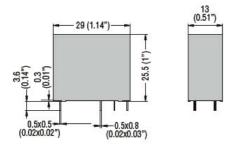


Product designation			MINIATURE
-			RELAYS
Product type designation			HR402C
Contact configuration			2 C/O
Contact configuration		V	
Rated insulation voltage Ui IEC/EN			250
Rated impulse withstand voltage Uimp		kV	4
IEC Conventional free air thermal current Ith		A	5
Rated current (In)		A	5
Relay control voltage		V	24VAC
Max contrallable power in			
	AC-1	W	1250
Rated operating power AC-1			
		VA	1250
Single-phase motor control			
	230VAC	kW	0.12
Minimum switching load		V / mA	5 / 100
Contact impedance		mΩ	50
Contact material			AgSnO2
Operating times			
Closing		ms	<20
Opening		ms	<10
Operations			
Mechanical life		cycles	10000000
Electrical life AC1		cycles	100000
Coil characteristics			
Average coil consumption AC at 20°C		VA	1
Operating range			
	Closing	% Un	80110
	Opening	% Un	>10
Maximum cycle frequency		cycles/h	1800
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
ĪEC			
<del></del>	min	mm²	0.5
	max	mm²	2.5
Operating position			
-1 - ··· <b>3</b> 1··	normal		Any

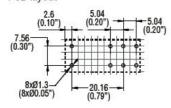


**ENERGY AND AUTOMATION** 

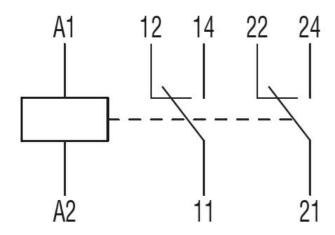
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+85
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				No
Mechanical contact po	sition indicator			No
Mechanical test actuat	or	·		No
Dimensions				



PCB layout



## Wiring diagrams



## Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

## ETIM classification





## MINIATURE RELAY, 24VAC, 5A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2...

ETIM 8.0

EC001437 – Switching relay