HR402CD024

MINIATURE RELAY, 24VDC, 10A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2...

Product designation			MINIATURE RELAYS
Product type designation			HR402C
Contact characteristics			
Contact configuration			2 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	5
IEC Conventional free air thermal current Ith		A	10
Maximum instantaneous current		A	26
Rated current (In)		A	10
Relay control voltage		V	24VDC
Max contrallable 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			AgSnO2
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	% Un	75…110
	Opening	% Un	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

		max		14
	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw

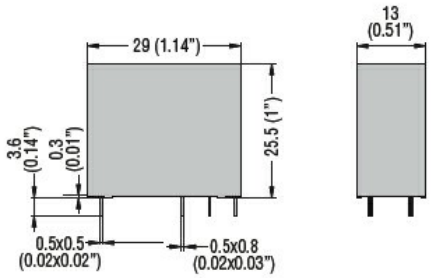
Ambient conditions

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

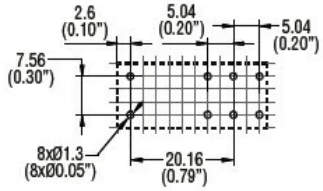
Other features

Indication	No
Mechanical contact position indicator	No
Mechanical test actuator	No

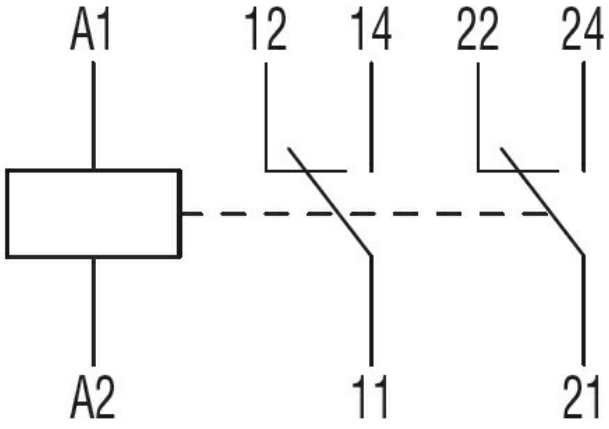
Dimensions [mm (in)]



PCB layout



Wiring diagrams



Certifications and compliance

Compliance	
	IEC/EN 61810
Certificates	
	cURus

ETIM classification

ETIM 8.0	EC001437 – Switching relay