



Product designation			MINIATURE RELAYS
Product type designation			HR302C
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		А	8
Maximum instantaneous current		Α	20
Rated current (In)		Α	8
Relay control voltage		V	24VAC
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
Single-phase motor control			
	230VAC	kW	0.2
Rated operating current DC-1			0.2
	30V	А	8
	110V	A	0.3
	220V	A	0.1
Minimum switching load	2201	V / mA	5 / 100
Contact impedance		mΩ	100
Contact material			AgSnO2
Operating times			Agenez
Closing		ms	10
Opening		ms	5
Operations		inio	5
Mechanical life		cycles	1000000
Electrical life AC1		cycles	50000
Coil characteristics		0,0100	
Average coil consumption AC at 20°C		VA	0.9
Average coil consumption DC at 20°C		W	0.45
Operating range			0.10
	Closing	% Un	70110
	Opening	% Un	2055
Maximum cycle frequency	oporning	cycles/h	3600
Mechanical features		0,000,11	
Max socket terminal tightening torque		Nm	0.6
Socket screw tightening tool (cross / flat blade)			PH1 / 4.5mm
Conductor section			,

AWG/Kcmil

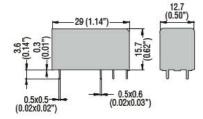
HR302CA024



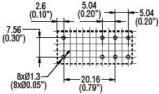
HR302CA024 MINIATURE RELAY, 24VAC, 8A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2...

		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 p	osition indicator			No
Mechanical test actuator				No

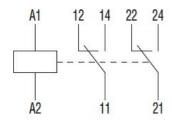
Dimensions [mm (in)]







Wiring diagrams



Certifications and compliance

Compliance	
	IEC/EN 61810
Certificates	
	CSA
	cURus
	EAC

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding



VDE

ETIM classification

ETIM 8.0

EC001437 -Switching relay