

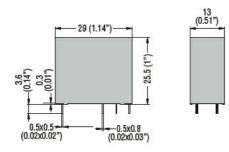


			MINIATURE
Product designation			RELAYS
Product type designation			HR401C
Contact characteristics			
Contact configuration			1 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	4
IEC Conventional free air thermal current Ith		А	10
Rated current (In)		А	10
Relay control voltage		V	230VAC
Max contrallable power in			
	AC-1	W	2500
Rated operating power AC-1			
		VA	2500
Single-phase motor control			
	230VAC	kW	0.25
Minimum switching load		V/mA	5 / 100
Contact impedance		mΩ	50
Contact material			AgSnO2
Operating times			Ű
Closing		ms	<20
Opening		ms	<10
Operations			
Mechanical life		cycles	1000000
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
IEC			
	min	mm²	0.5
	max	mm²	2.5
Operating position			
	normal		Any

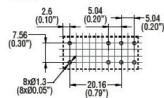
HR401CA230



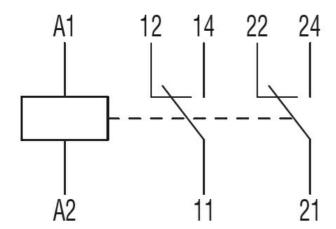
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
Ope	erating temperature			
		min	°C	-40
		max	°C	+85
Sto	rage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				No
Mechanical contact position	indicator			No
Mechanical test actuator				No
Dimensions				



PCB layout



Wiring diagrams



Certifications and compliance

Complianc	9	
	IEC/EN 61810	
Certificates	i	
	cURus	
	VDE	
ETIM class	ification	
HR401CA230	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	2 / 3



HR401CA230 MINIATURE RELAY, 230VAC, 10A, 1C/O CONTACT. FITTING ON SOCKET HR5XS2...

ETIM 8.0

EC001437 – Switching relay