



Product designation			MINIATURE
-			RELAYS
Product type designation			HR502C
Contact characteristics			2.0/0
Contact configuration		\ <i>\</i>	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		A	8
Maximum instantaneous current		A	10
Rated current (In)		A	8
Relay control voltage		V	110VAC
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
Rated operating current DC-1			
	30V	А	8
	110V	А	0.3
	220V	А	0.1
Minimum switching load		V/mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times			
Closing		ms	<15
Opening		ms	<15
Operations			
Mechanical life		cycles	1000000
Electrical life AC1		cycles	50000
Coil characteristics			
Average coil consumption AC at 20°C		VA	1
Average coil consumption DC at 20°C		W	0.4
Operating range			
	Closing	% Un	70110
	Opening	% Un	2055
Maximum cycle frequency		cycles/h	3600
Mechanical features		0,0100,11	
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
	max		1-1

HR502CA110

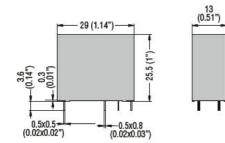
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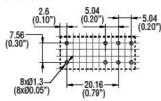
HR502CA110 MINIATURE RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 110/120VAC, 8A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2...

	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	+70
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				Yes
Mechanical contact p	osition indicator			Yes
Mechanical test actua	ator			Yes

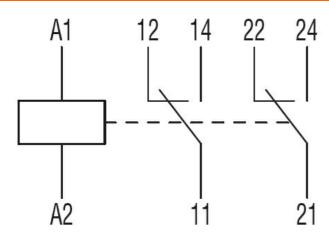
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance Compliance

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	IEC/EN 61810	
Certificates		
	CSA	
	cURus	
	EAC	
	VDE	
ETIM classification		
		EC001427

ETIM 8.0

EC001437 -Switching relay