# MINIATURE RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 230VAC, 8A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2...



Draduat designation			MINIATURE
Product designation			RELAYS
Product type designation			HR502C
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		Α	8
Maximum instantaneous current		Α	10
Rated current (In)		Α	8
Relay control voltage		V	230VAC
Max contrallable power in			
	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1	7.0		
realise operating perior / to 1		VA	2000
Rated operating power AC-15		***	
ration operating perior rie 10	230 VAC	VA	150
Rated operating current DC-1	250 VAO	VA	100
Nated operating current BO-1	30V	Α	8
	110V	A	0.3
	220V	A	0.5
Minimum switching load	220 V	V/mA	5 / 100
Contact impedance		mΩ	100
Contact impedance  Contact material		11122	
Operating times			Ag/Ni
Closing		mo	<15
		ms	
Opening		ms	<15
Operations Machanical life		avala a	40000000
Mechanical life		cycles	10000000
Electrical life AC1		cycles	50000
Coil characteristics		١/٨	4
Average coil consumption AC at 20°C		VA	1
Average coil consumption DC at 20°C		W	0.4
Operating range	<b>.</b>	0/11	70 440
	Closing	% Un	70110
	Opening	% Un	2055
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

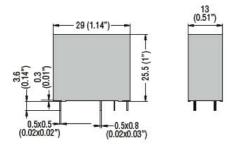


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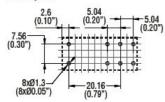
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	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				Yes
Mechanical contact position indicator				Yes
Mechanical test actuator				Yes
Discounting form (in)				

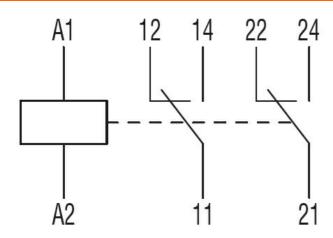
#### Dimensions [mm (in)]



### PCB layout



#### Wiring diagrams



## Certifications and compliance

Compliance



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## HR502CA230

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	IEC/EN 61810
Certificates	
	CSA
	cURus
	EAC
	VDE
ETIM classification	

EC001437 -ETIM 8.0 Switching relay