electric MINIATURE RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 24VDC, 8A, 2C/O CONTACT. FITTING ON SOCKET HR5XS2... **ENERGY AND AUTOMATION**



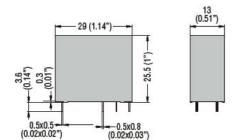
			A2003
Duado et decimation			MINIATURE
Product designation			RELAYS
Product type designation			HR502C
Contact characteristics			
Contact configuration			2 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	6
IEC Conventional free air thermal current Ith		Α	8
Maximum instantaneous current		Α	10
Rated current (In)		Α	8
Relay control voltage		V	24VDC
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			
Traise operating content to	30V	Α	8
	110V	A	0.3
	220V	Α	0.1
Minimum switching load		V / mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times			, ig, i ii
Closing		ms	<15
Opening		ms	<15
Operations		1110	110
Mechanical life		cycles	10000000
Electrical life AC1		cycles	50000
Coil characteristics		oy oloo	00000
Average coil consumption AC at 20°C		VA	1
Average coil consumption DC at 20°C		W	0.4
Operating range		•••	
Spordaing range	Closing	% Un	75110
	Opening	% Un	1030
Maximum cycle frequency	Орспінд	cycles/h	3600
Mechanical features		Cyclc3/11	3000
Max socket terminal tightening torque		Nm	0.6
Socket screw tightening tool (cross / flat blade)		1 1111	PH1 / 4.5mm
Conductor section			1 111 / 1 .JIIIII
AWG/Kcmil			
AVVO/NOIIII	min		20
	max		14



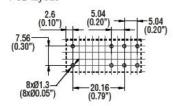
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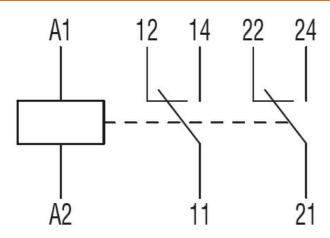
	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				Yes
Mechanical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



PCB layout



Wiring diagrams



Certifications and compliance

Compliance



ENERGY AND AUTOMATION

HR502CD024

EC001437 -

Switching relay

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	IEC/EN 61810
Certificates	
	CSA
	cURus
	EAC
	VDE
ETIM classification	

ETIM 8.0