

HRA502CD024K4 ASSEMBLED MINIATURE RELAY WITH LED STATE INDICATOR AND MECHANICAL ACTUATOR, 24VDC, 8A, 2C/O CONTACT. SCREW TERMINALS WITH RETAIN/RELEASE CLIP



Product designation			Assembled
Product type designation			miniature relays HR502C
Contact characteristics			111(3020
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		A	8
Maximum instantaneous current		A	10
Rated current (In)		A	8
Relay control voltage		V	24VDC
Max contrallable power in		v	24000
	AC-1	W	2000
	AC-15	VA	150
Rated operating power AC-1	AC-13	٧٨	150
Rated operating power AC-1		VA	2000
Poted operating power AC 15		VA	2000
Rated operating power AC-15		\/A	450
Data dise anating surgest DO 4	230 VAC	VA	150
Rated operating current DC-1	2014	۸	0
	30V	A	8
	110V	A	0.3
	220V	A	0.1
Minimum switching load		V/mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times		100.0	.45
Closing		ms	<15
Opening		ms	<15
Operations			4000000
Mechanical life		cycles	1000000
Electrical life AC1		cycles	50000
Coil characteristics		\ /A	
Average coil consumption AC at 20°C		VA	1
Average coil consumption DC at 20°C		W	0.4
Operating range	.		// _
	Closing	% Un	75110
	Opening	% Un	1030
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

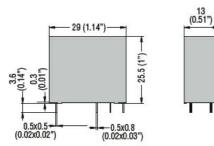


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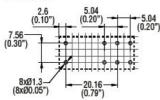
	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature				

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	
Discouting				

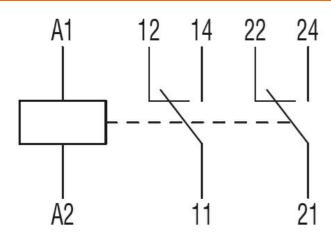




PCB layout



Wiring diagrams



Certifications and compliance Compliance

HRA502CD024K4 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



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ENERGY AND AUTOMATION

IEC/EN 61810

ETIM classification

ETIM 8.0

EC001437 -Switching relay