



Product designation			Assembled miniature 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			A 8
Maximum instantaneous current			A 10
Rated current (In)			A 8
Relay control voltage			V 24VAC
Max contrrollable 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 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			
Closing			ms <15
Opening			ms <15
Operations			
Mechanical life			cycles 10000000
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 70...110
			Opening % Un 20...55
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

IEC

min	mm ²	0.5
max	mm ²	2.5

Operating position

normal	Any
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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

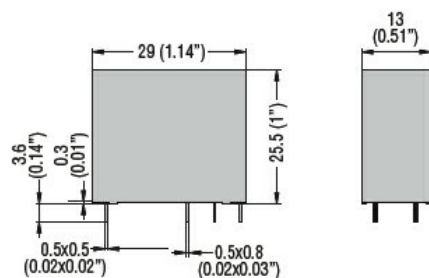
Mechanical contact position indicator

Yes

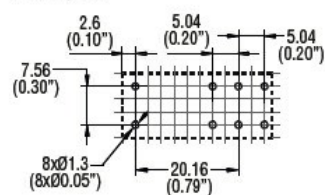
Mechanical test actuator

Yes

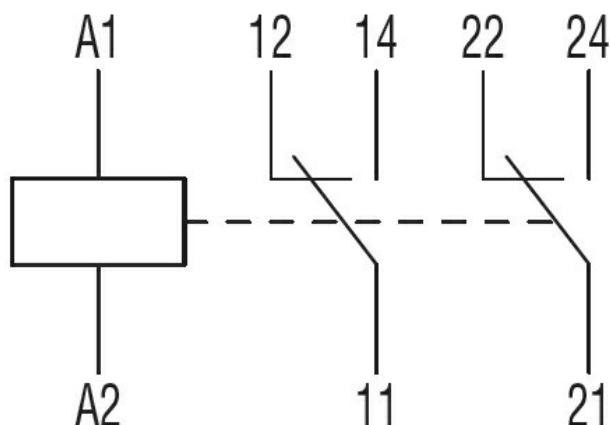
Dimensions



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

ETIM classification

ETIM 8.0

EC001437 -
Switching relay