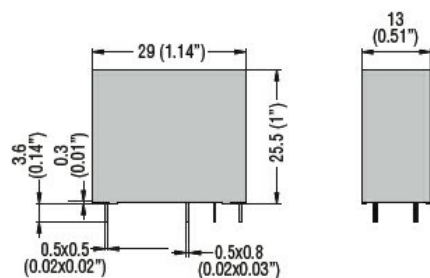


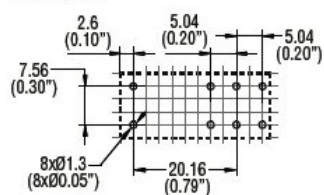


Product designation			MINIATURE
Product type designation			RELAYS
			HR502C
Contact characteristics			
Contact configuration			2 C/O
Rated insulation voltage Ui IEC/EN	V		250
Rated impulse withstand voltage Uimp	kV		6
IEC Conventional free air thermal current Ith	A		8
Maximum instantaneous current	A		10
Rated current (In)	A		8
Relay control voltage	V		110VDC
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	75...110
	Opening	% Un	10...30
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

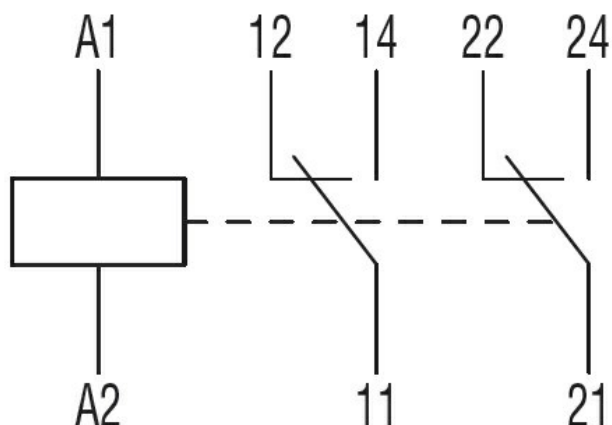
	IEC			
		min	mm ²	0.5
		max	mm ²	2.5
Operating position		normal		Any
Fixing				On 35mm DIN rail and with screw
Ambient conditions				
Temperature	Operating temperature			
		min	°C	-40
		max	°C	+70
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				Yes
Mechanical contact position indicator				Yes
Mechanical test actuator				Yes
Dimensions				



PCB layout



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

CSA

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay