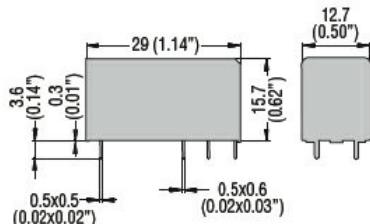


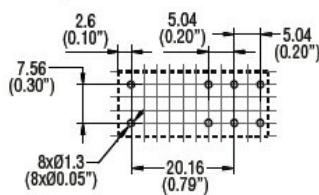


Product designation	MINIATURE RELAYS		
Product type designation	HR302C		
Contact characteristics			
Contact configuration	2 C/O		
Rated insulation voltage U_i IEC/EN	V	250	
Rated impulse withstand voltage U_{imp}	kV	6	
IEC Conventional free air thermal current I_{th}	A	8	
Maximum instantaneous current	A	20	
Rated current (I_n)	A	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
Single-phase motor control	230VAC	kW	0.2
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	AgSnO ₂		
Operating times			
Closing	ms	10	
Opening	ms	5	
Operations			
Mechanical life	cycles	10000000	
Electrical life AC1	cycles	50000	
Coil characteristics			
Average coil consumption AC at 20°C	VA	0.9	
Average coil consumption DC at 20°C	W	0.45	
Operating range	Closing	% U_n	75...110
	Opening	% U_n	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		

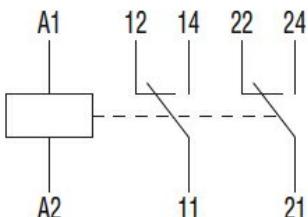
		min	20
		max	14
IEC			
		min	mm ² 0.5
		max	mm ² 2.5
Operating position	normal	Any	
Fixing		On 35mm DIN rail and with screw	
Ambient conditions			
Temperature	Operating temperature	min °C -40	
		max °C +85	
	Storage temperature	min °C -40	
		max °C +85	
Other features			
Indication		No	
Mechanical contact position indicator		No	
Mechanical test actuator		No	
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