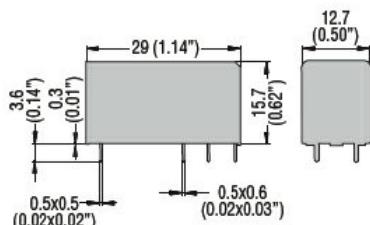


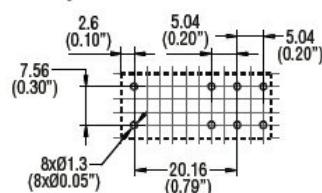


Product designation	MINIATURE RELAYS		
Product type designation	HR301C		
Contact characteristics			
Contact configuration	1 C/O		
Rated insulation voltage Ui IEC/EN	V	250	
Rated impulse withstand voltage Uimp	kV	6	
IEC Conventional free air thermal current Ith	A	16	
Maximum instantaneous current	A	60	
Rated current (In)	A	16	
Relay control voltage	V	24VAC	
Max contrallable power in	AC-1	W	4000
	AC-15	VA	300
Rated operating power AC-1		VA	4000
Rated operating power AC-15	230 VAC	VA	300
Single-phase motor control	230VAC	kW	0.4
Rated operating current DC-1	30V	A	12
	110V	A	0.3
	220V	A	0.1
Minimum switching load	V / mA	5 / 100	
Contact impedance	mO	100	
Contact material	AgSnO2		
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	% 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		

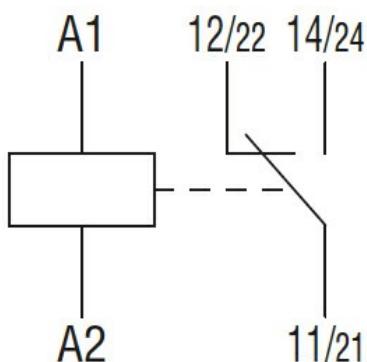
IEC	min	20
	max	14
	min	mm ² 0.5
	max	mm ² 2.5
Operating position	normal	Any
Fixing		On 35mm DIN rail and with screw
Ambient conditions		
Temperature		
Operating temperature	min	°C -40
	max	°C +85
Storage temperature	min	°C -40
	max	°C +85
Other features		
Indication		No
Mechanical contact position indicator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