



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		А	16
Maximum instantaneous current		А	60
Rated current (In)		А	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	А	12
	110V	А	0.3
	220V	А	0.1
Minimum switching load		V/mA	5 / 100
Contact impedance		mΩ	100
Contact material			AgSnO2
Operating times			Ŭ
Closing		ms	10
Opening		ms	5
Operations			
Mechanical life		cycles	1000000
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	70110
	Opening	% Un	2055
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/Kemil			

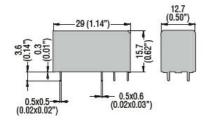
AWG/Kcmil

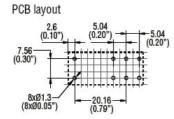
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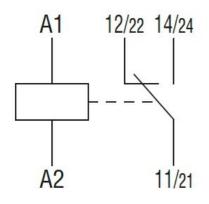
RELÉ MINIATURA, 24VAC, 16A, 1 CONTACTO CONMUT. MONTAJE EN BASE HR5XS2... (MAX 10A)

ENERGY AND AUTOMATION			,
	min		20
	max		14
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	+85
Storage temperature			
	min	°C	-40
	max	°C	+85
Other features			
Indication			No
Mechanical contact position indicator			No
Mechanical test actuator			No
Dimensions			





Wiring diagrams



Certifications and compliance Compliance

IEC/EN 61810

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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

Certificates	
	CSA
	cURus
	EAC
	VDE
ETIM classification	

ETIM 8.0

EC001437 -Switching relay