

electric MINIATURE RELAY, 12VDC, 16A, 1C/O CONTACT. FITTING ON SOCKET HR5XS2... (MAX 10A)



			MINIATURE
Product designation			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	12VDC
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			Ũ
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	75110
	Opening	% Un	1030
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			
AN/C/Kemil			

AWG/Kcmil

HR301CD012

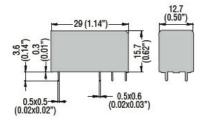


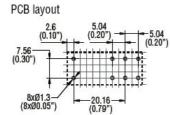
HR301CD012

electric MINIATURE RELAY, 12VDC, 16A, 1C/O CONTACT. FITTING ON SOCKET HR5XS2... (MAX 10A)

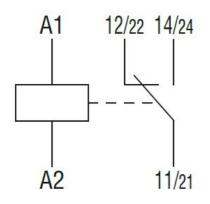
		min		20
		max		14
	IEC			
		min	mm²	0.5
		max	mm²	2.5
Operating position				
		normal		Any
				On 35mm DIN
Fixing				rail and with
				screw
Ambient conditions				
Temperature				
	Operating temperature			
		min	°C	-40
		max	°C	+85
	Storage temperature			
		min	°C	-40
		max	°C	+85
Other features				
Indication				No
Mechanical contact p	osition indicator			No
Mechanical test actua	tor			No

Dimensions





## Wiring diagrams



## Certifications and compliance Compliance

IEC/EN 61810

HR301CD012

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



HR301CD012

electric MINIATURE RELAY, 12VDC, 16A, 1C/O CONTACT. FITTING ON SOCKET HR5XS2... (MAX 10A)

ENERGY AND AUTOMATION

Certificates	
	CSA
	cURus
	EAC
	VDE
ETIM classification	

ETIM 8.0

EC001437 -Switching relay