



SLIM ELECTROMECHANICAL RELAY, 60VDC, 6A, 1 C/O CONTACT. 110...125VAC/DC CONTROL WHEN ON HR1XS110 OR HR1XS110S SOCKET. 220...240VAC/DC CONTROL WHEN ON HR1XS230 OR HR1XS230S SOCKET

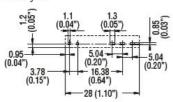
Product designation			SLIM RELAY
Product type designation			HR101C
Contact characteristics			11111010
Contact configuration			1 C/O
Rated insulation voltage Ui IEC/EN		V	250
Rated impulse withstand voltage Uimp		kV	4
IEC Conventional free air thermal current Ith		A	6
Maximum instantaneous current		A	20 (500ms)
Rated current (In)		A	6
ration outlier (iii)			60VDC; 110
Relay control voltage		V	240VAC/DC
UL/CSA and IEC/EN 60947-5-1 designation			B300 – R300
UL rating			6A 277VAC; 6A 30VDC
Max contrallable power in			3010
iviax contraliable power in	۸	14/	4500
	AC-1 AC-15	W	1500
Dated energting newer AC 1	AC-15	VA	360
Rated operating power AC-1		١/٨	4500
Data Languagian and AC 45		VA	1500
Rated operating power AC-15	2001/40		000
	230 VAC	VA	360
Single-phase motor control			
	230VAC	kW	0.186
Rated operating current DC-1		_	
	30V	Α	6
	110V	Α	0.2
	220V	Α	0.12
Minimum switching load		V / mA	5 / 100
Contact impedance		mΩ	100
Contact material			Ag/Ni
Operating times			
Closing		ms	≤8
Opening		ms	≤4
Operations			
Mechanical life		cycles	10000000
Electrical life AC1		cycles	30000
Coil characteristics			
Average coil consumption DC at 20°C		W	0.2
Operating range			
	Closing	% Un	≥75
	Opening	% Un	≥5
Maximum cycle frequency		cycles/h	10000
Mechanical features			
Max socket terminal tightening torque		Nm	0.5
Socket screw tightening tool (cross / flat blade)			PH0 / 3.5mm
,			



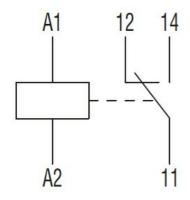
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AWG/Kcmil min 20 max 16 IEC					
Min Min	Conductor section				
Max 16 16 16 16 16 16 16 1		AWG/Kcmil			
IEC min mm² 0.5 max mm² 1.5 Operating position normal Any Fixing Ambient conditions Temperature Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Other features Other features Min °C -40 max °C +80 Other features Other features Temperature Min °C -40 max °C +80 Other features Max °C +80			min		20
Min min mm² 0.5 max mm² 1.5			max		16
Max mm² 1.5 Operating position		IEC			
Operating position normal Any			min	mm²	0.5
Fixing Ambient conditions Temperature Operating temperature min °C -40 max °C +70 Storage temperature min °C -40 max °C +80 Other features Other features Other features Temperature Min °C -40 max °C +80 Other features Other features Other features Other features			max	mm²	1.5
On 35mm DIN rail	Operating position				
Ambient conditions Temperature Operating temperature			normal		Any
Ambient conditions Temperature Operating temperature	Eiving				On 35mm DIN
Operating temperature	ı ixilig				rail
Operating temperature	Ambient conditions				
min °C -40 max °C +70	Temperature				
min °C -40 max °C +70		Operating temperature			
Storage temperature min °C -40 max °C +80 Other features Indication Yes (on the socket)			min	°C	-40
min °C -40 max °C +80 Other features Yes (on the socket)			max	°C	+70
min °C -40 max °C +80 Other features Yes (on the socket)		Storage temperature			
Other features Indication Yes (on the socket)			min	°C	-40
Indication Yes (on the socket)			max	°C	+80
socket)	Other features				
SOCKET)	Indication				Yes (on the
Mechanical contact position indicator No					socket)
viconarioar obritade position indicator	Mechanical contact p	osition indicator			No
Mechanical test actuator No	Mechanical test actua	ator			No
Dimensions	Dimensions				

PCB layout



Wiring diagrams



Certifications and compliance



HR101CE060

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Compliance IEC/EN 61810 Certificates CSA cURus EAC VDE ETIM classification

ETIM 8.0

EC001437 -Switching relay