



Product designation	SLIM RELAY+SOCKET		
Product type designation	HRA101		
Contact characteristics			
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	
Relay control voltage	V	24VAC/VDC	
UL/CSA and IEC/EN 60947-5-1 designation	B300 – R300		
UL rating	6A 277VAC; 6A 30VDC		
Max contrrollable power in	AC-1	W	1500
	AC-15	VA	360
Rated operating power AC-1		VA	1500
Rated operating power AC-15	230 VAC	VA	360
Single-phase motor control	230VAC	kW	0.186
Rated operating current DC-1	30V	A	6
	110V	A	0.2
	220V	A	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			
Relay control voltage + socket	V	24VAC/DC	
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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Conductor section	
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AWG/Kcmil	
min	20
max	16

IEC	
min	mm ² 0.5
max	mm ² 1.5

Operating position	normal	Any
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Fixing	On 35mm DIN rail
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Ambient conditions

Temperature	
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Operating temperature	
min	°C -40
max	°C +70

Storage temperature	
min	°C -40
max	°C +80

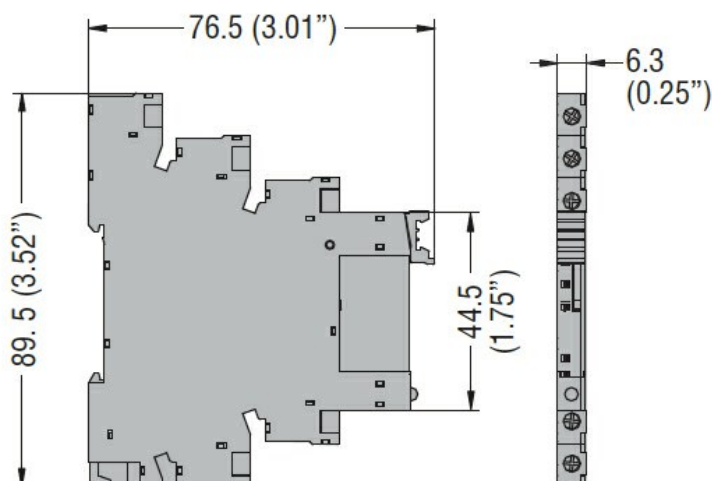
Other features

Indication	Yes (on the socket)
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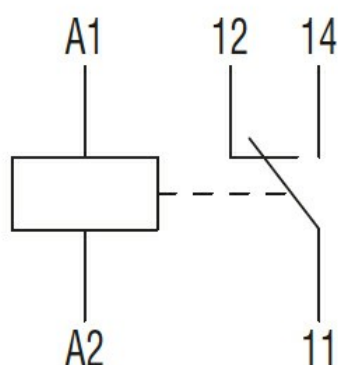
Mechanical contact position indicator	No
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Mechanical test actuator	No
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Dimensions



Wiring diagrams



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay