



Product designation

SLIM
RELAY+SOCKET
HRA101

Product type designation

Contact characteristics

Contact configuration			1 C/O
Rated insulation voltage U_i IEC/EN	V		250
Rated impulse withstand voltage U_{imp}	kV		4
IEC Conventional free air thermal current I_{th}	A		6
Maximum instantaneous current	A		20 (500ms)
Rated current (I_n)	A		6
Relay control voltage	V		24VAC/VDC
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	% U_n	≥75
Opening	% U_n	≥5

Maximum cycle frequency	cycles/h	10000
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Mechanical features

Max socket terminal tightening torque	Nm	0.5
Socket screw tightening tool (cross / flat blade)		PH0 / 3.5mm

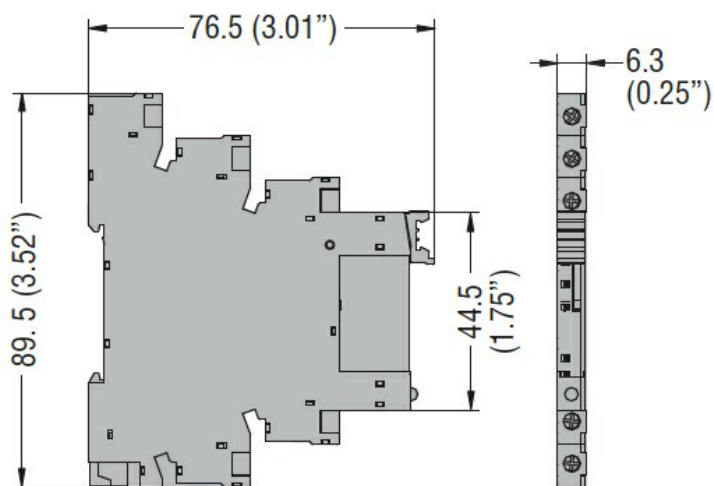
Conductor section

AWG/Kcmil

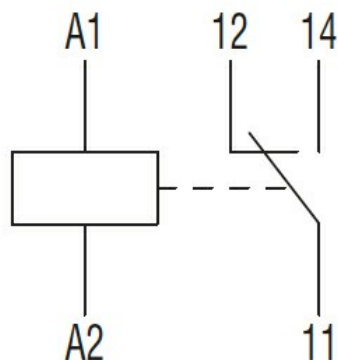
	IEC	min		20
		max		16
		min	mm ²	0.5
		max	mm ²	1.5
Operating position				
		normal		Any
				On 35mm DIN rail
Fixing				
On 35mm DIN rail				
Ambient conditions				
Temperature				
	Operating temperature	min	°C	-40
		max	°C	+70
	Storage temperature	min	°C	-40
		max	°C	+80

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

Dimensions



Wiring diagrams



Certifications and compliance

Compliance		IEC/EN 61810
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Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay