



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
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Rated operating power AC-15

230 VAC	VA	360
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Single-phase motor control

230VAC	kW	0.186
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Rated operating current DC-1

30V	A	6
110V	A	0.2
220V	A	0.12

Minimum switching load

V / mA	5 / 100
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Contact impedance

mΩ	100
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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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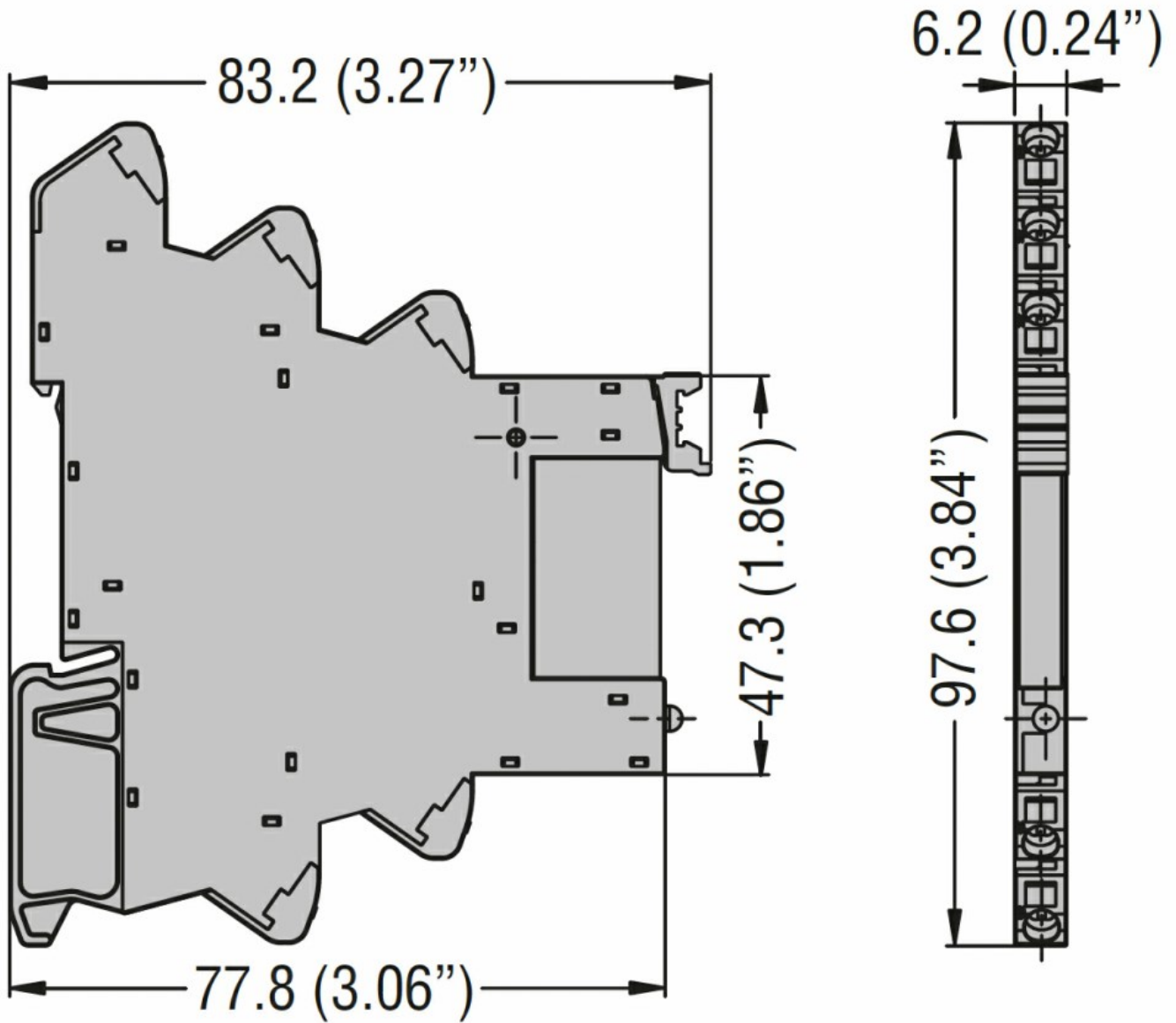
**Mechanical features**

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

Conductor section

AWG/Kcmil

		min	20	
		max	16	
IEC		min	mm <sup>2</sup>	0.5
		max	mm <sup>2</sup>	1.5
Operating position		normal		Any
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				



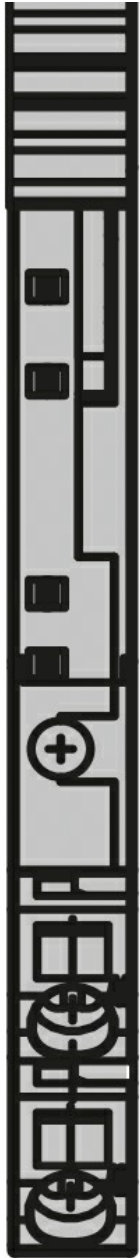
#### Wiring diagrams



12 NC

11 COM

14 NO



A1

A2

#### Certifications and compliance

##### Compliance

IEC/EN 61810

##### Certificates

cURus

EAC

VDE

#### ETIM classification

ETIM 8.0

EC001437 -  
Switching relay