



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
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Opening	ms	≤4
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Operations

Mechanical life	cycles	10000000
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Electrical life AC1	cycles	30000
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Coil characteristics

Relay control voltage + socket	V	24VAC/DC
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Average coil consumption DC at 20°C	W	0.2
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Operating range

Closing	% U_n	≥75
Opening	% U_n	≥5

Maximum cycle frequency	cycles/h	10000
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Mechanical features

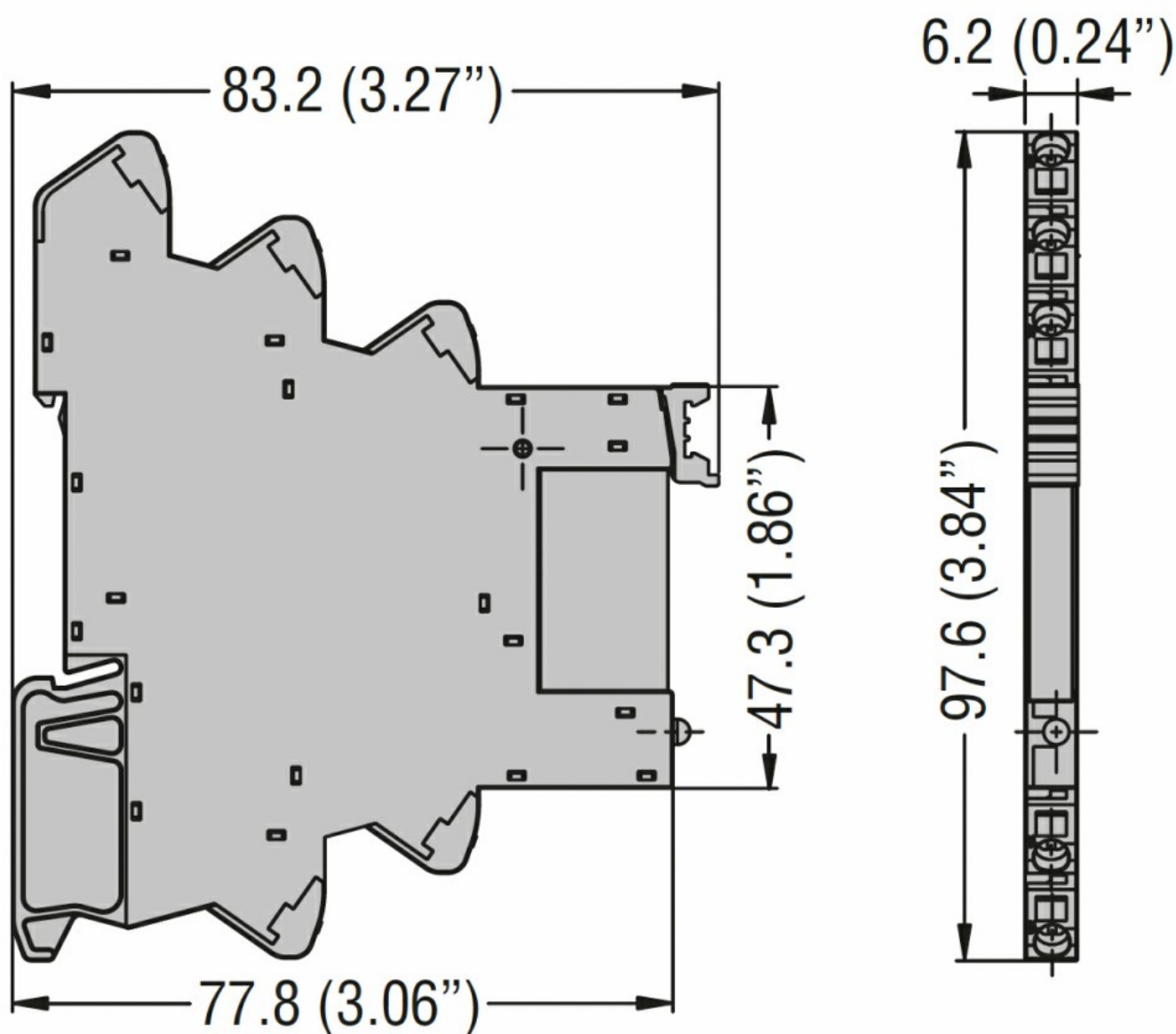
Max socket terminal tightening torque	Nm	0.5
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Socket screw tightening tool (cross / flat blade)		PH0 / 3.5mm
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Conductor section

AWG/Kcmil

		min		20
		max		16
	IEC			
		min	mm ²	0.5
		max	mm ²	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