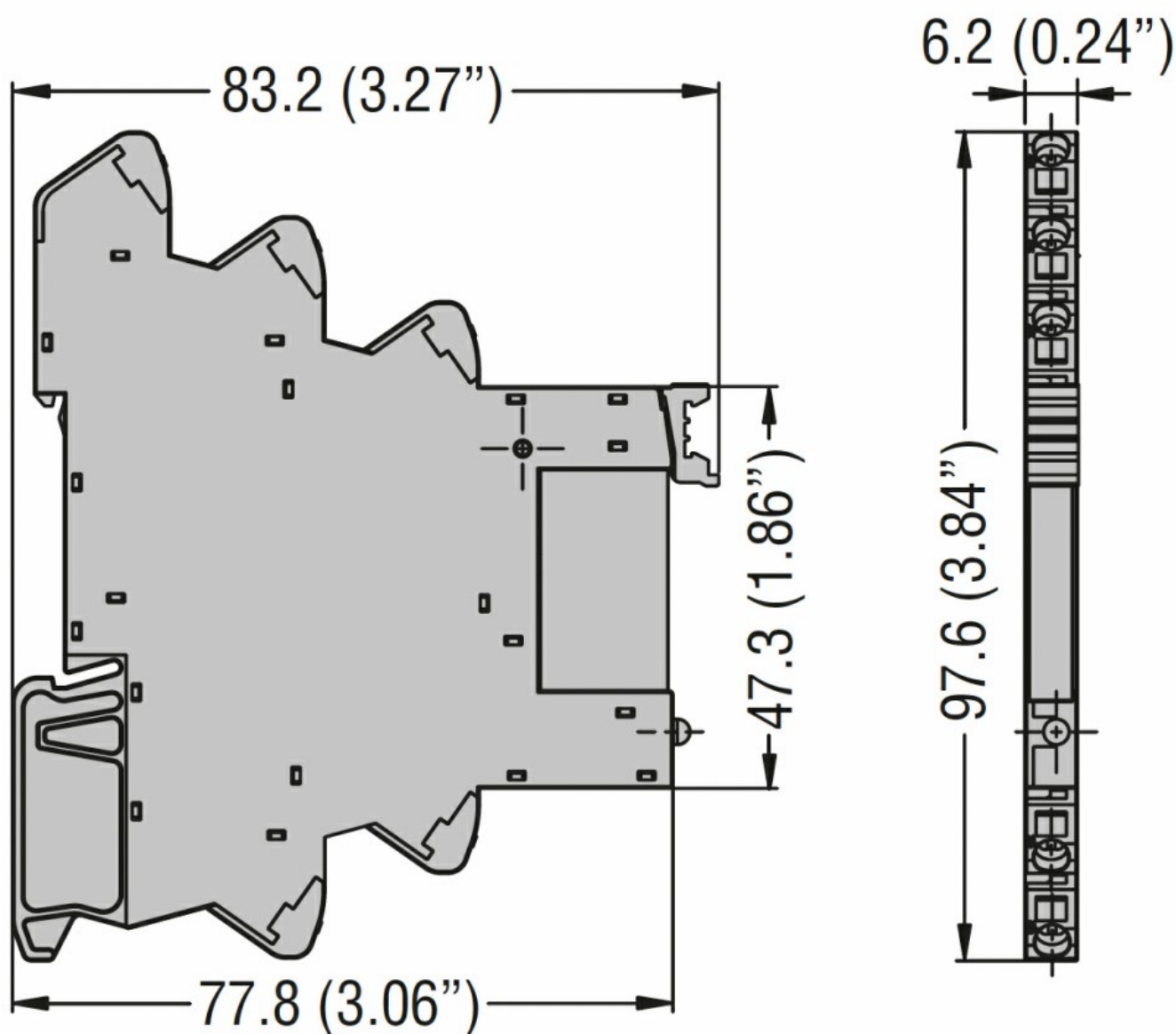




Product designation	SLIM RELAY+SOCKET HRA101		
Product type designation	HRA101		
Contact characteristics			
Contact configuration	1 C/O		
Rated insulation voltage Ui IEC/EN	V	250	
Rated impulse withstand voltage Uimp	kV	4	
IEC Conventional free air thermal current Ith	A	6	
Maximum instantaneous current	A	20 (500ms)	
Rated current (In)	A	6	
Relay control voltage	V	24VAC/VDC	
Max contrallable 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		
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				



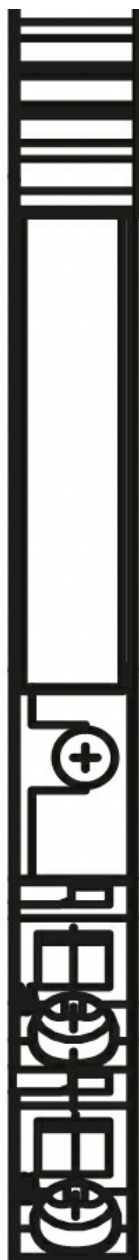
Wiring diagrams



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