



SLIM
RELAY+SOCKET
HRA10

Product designation

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 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	% U_n	≥75
Opening	% U_n	≥5

Maximum cycle frequency

cycles/h 10000

Mechanical features

Max socket terminal tightening torque

Nm 0.5

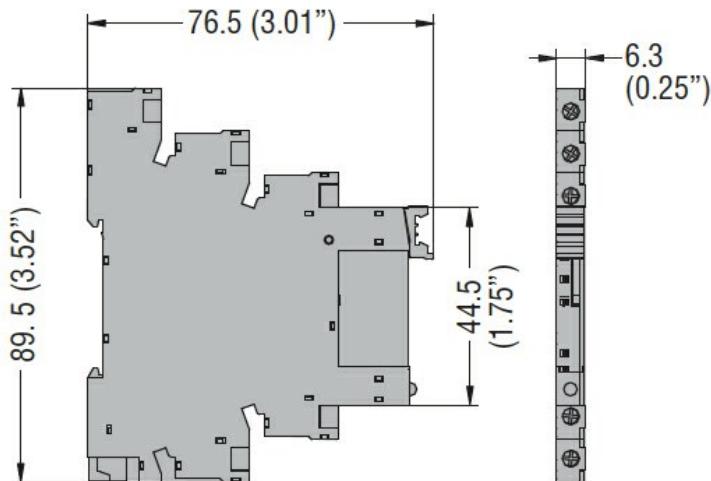
Socket screw tightening tool (cross / flat blade)

PH0 / 3.5mm

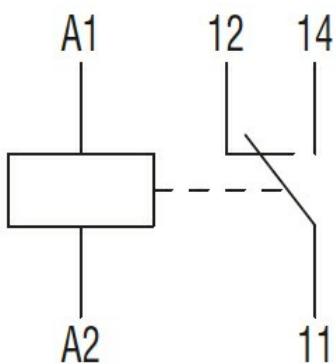
Conductor section

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



Certifications and compliance

Compliance

IEC/EN 61810

Certificates

cURus

EAC

VDE

ETIM classification

ETIM 8.0

EC001437 -
Switching relay