

# Zelio™ Spring Clamp Socket

RXZE2S114S

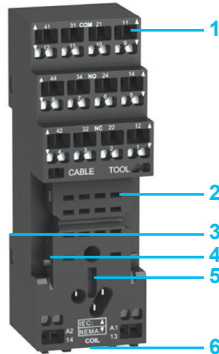
Data Sheet  
**2013**



**Schneider**  
Electric™



### Description



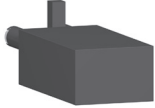
- 1 Connection by push-in spring clamp terminals. No tool is required to insert the cable.
- 2 Fourteen female contacts for 2-pole or 4-pole relay terminals.
- 3 Locating slot for mounting on DIN rail with its compression spring or mounting clip.
- 4 Locking components for plastic and metal hold-down clips.
- 5 Location for protection modules.
- 6 Location for ID tag.

**Product compatibility:** Plug-in relay RXM4 (4 C/O)  
 Plug-in relay RXM2 (2 C/O)  
 Hermetic relay 8501RS(D)34 (4 C/O)

Socket Characteristics		Used with 2-Pole Relay	Used with 4-Pole Relay
<b>Electrical characteristics</b>			
Conforming to standards		IEC 61984, UL508, CSA C22.2 No. 14	
Marking of certifications		UL, CSA, GOST, Lloyd's, RoHS	
Rated Current	<b>A</b>	12	6
Rated Voltage (IEC/UL)	<b>Vac</b>	250/300	250/300
Degree of protection		IP20	
Overvoltage category		III	
Pollution degree		3	
<b>General characteristics</b>			
Ambient temperature	Operation	°C (°F) -40 to +55 (-40 to +131)	
	Storage	°C (°F) -40 to +85 (-40 to +185)	
Relative humidity		35% to 85%	
<b>Insulation</b>			
Maximum operating voltage		<b>V</b>	250 (IEC), 300 (UL, CSA)
Rated impulse withstand voltage (1.2/50us)		<b>kV</b>	4 (1.2/50us) 2.5 (1.2/50us)
Dielectric Strength (rms)	Between poles	<b>Vac</b>	2500
	Between contacts	<b>Vac</b>	2500
	Between output and input terminals	<b>Vac</b>	2500
	Between terminals and DIN rail	<b>Vac</b>	2500
<b>Terminal</b>			
Terminal type		Spring clamp	
Terminal numbering		IEC and NEMA	
Maximum wire pull force		<b>N</b>	20 (Min. wire size, 0.5 mm <sup>2</sup> ) 40 (Max. wire size, 1.5 mm <sup>2</sup> )
Recommended wiring	Flexible wiring with cable end	1 wire	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
		2 wires	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
	Solid wiring without cable end	1 wire	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
		2 wires	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
Wire strip length		9–11 mm	
Wire connection method		Spring clamp terminals	
		<p>(1) Wiring opening (2) Removal tool opening</p>	



RXM4GB1F7



RXM041●●7



RXZ400



RXZR335



RXZL300

### Compatible Schneider Electric Products

#### Relays

Description	Sold in lots of	Weight kg (lb)
RXM2●	10	0.037 (0.082)
RXM4●	10	0.037 (0.082)
8501RS(D)34●	10	0.040 (0.088)

#### Protection modules

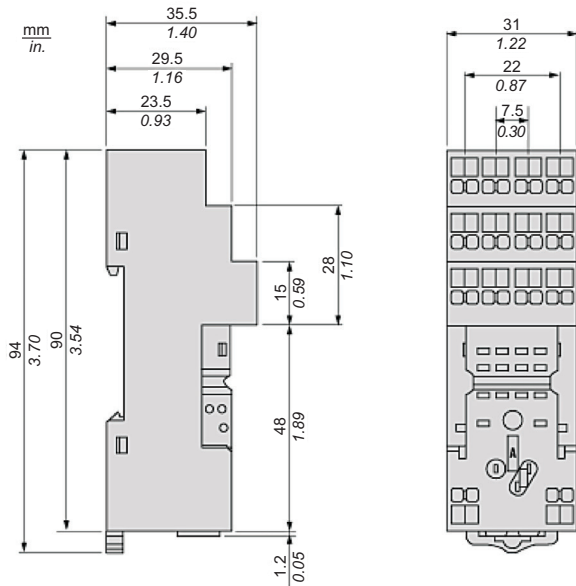
Description	Voltage Vac or Vdc	Sold in lots of	Unit reference	Weight kg (lb)
Diode	6 to 250	10	RXM040W	0.003 (0.007)
RC circuit	24 to 60	10	RXM041BN7	0.010 (0.022)
	110 to 240	10	RXM041FU7	0.010 (0.022)
Varistor	6 to 24	10	RXM021RB	0.030 (0.066)
	24 to 60	10	RXM021BN	0.030 (0.066)
	110 to 240	10	RXM021FP	0.030 (0.066)

#### Accessories

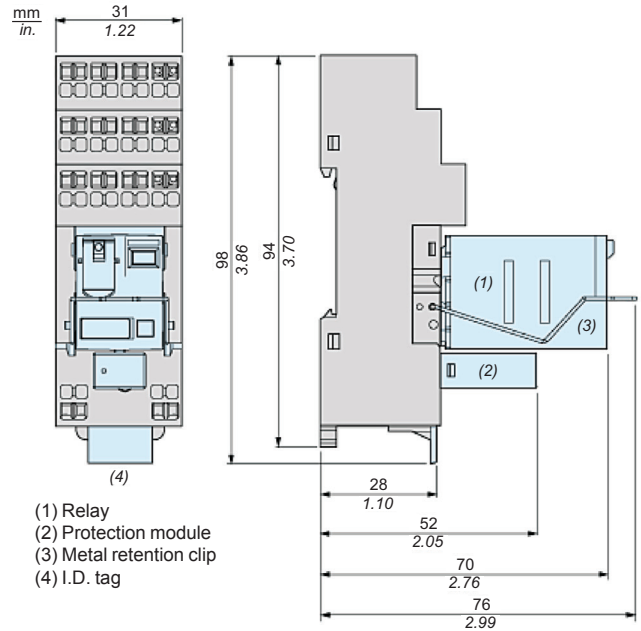
Description	Sold in lots of	Unit reference	Weight kg
Metal maintaining clamp	10	RXZ400	0.001 (0.002)
Plastic maintaining clamp	10	RXZR335	0.005 (0.011)
ID tags	10	RXZL300	0.001 (0.002)

### Dimensions

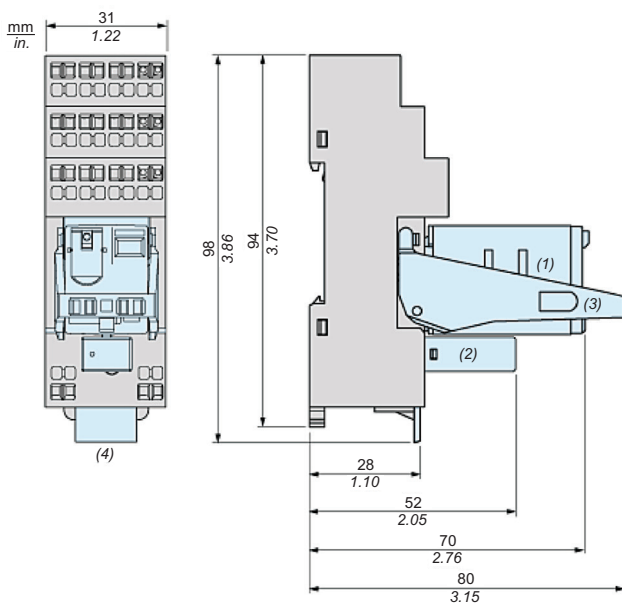
#### Socket only



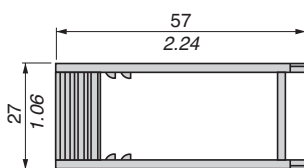
#### Socket with RXM relay and retention clip



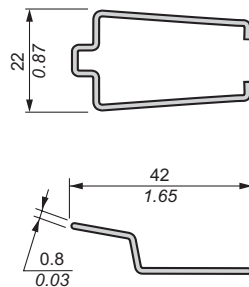
#### Socket with RXM relay and ejector clip



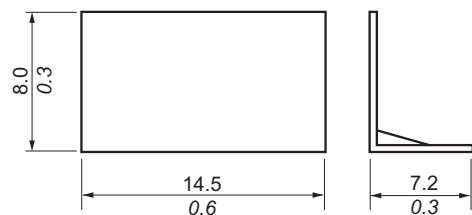
#### Plastic ejector clip RXZR335



#### Metal retention clip RXZ400

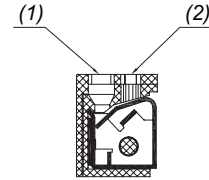
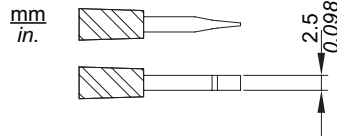
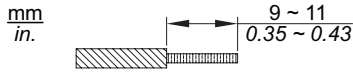


#### ID tag RXZL300



### Wiring instructions

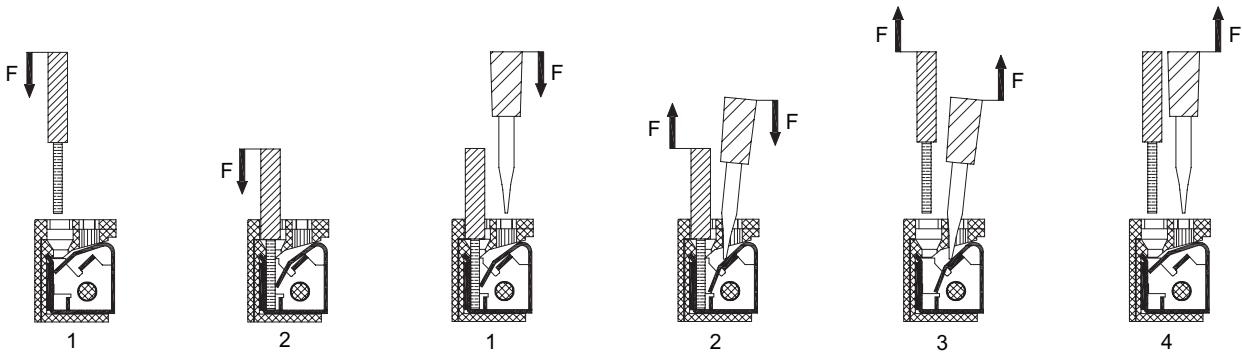
Recommended wire strip length	Recommended removal tool: flat blade, parallel tip	Openings for wiring and removal tool
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(1) Wiring opening  
(2) Removal tool opening

### Wiring insertion

### Wiring removal

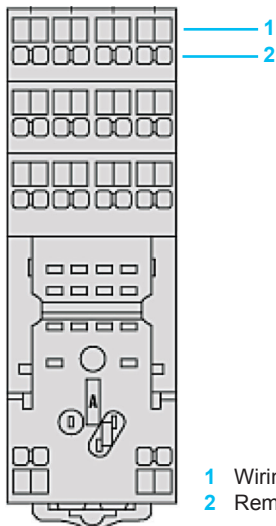
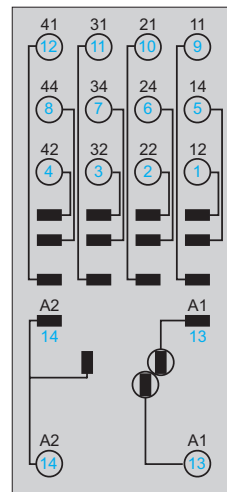


### Recommended wiring

Flexible wiring with cable end	1 wire	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
	2 wires	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
Solid wiring without cable end	1 wire	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG
	2 wires	0.5 to 1.5 mm <sup>2</sup> – 20 to 16 AWG

Note: Allow only one wire per terminal opening

### Wiring diagram



1 Wiring (cable) terminal opening  
2 Removal tool opening



[www.schneider-electric.com](http://www.schneider-electric.com)

**Schneider Electric USA, Inc.**

8001 Knightdale Blvd.  
Knightdale, NC 27545

USA Customer Care Center  
Tel: 888-778-2733

**Schneider Electric Canada**

5985 McLaughlin Rd.  
Mississauga, Ontario, Canada L5R 1B8

Canada Customer Care Center  
Tel: 800-565-6699

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