

Zelio relay - Electromechanical relays

Plug-in relays

RSL slim interface relays

2

Presentation of the range

RSL slim interface relays offer the advantages of compact size and modular design. Their slim width (6 mm/0.236 in.) saves space when mounting on a DIN rail at the back of an enclosure.

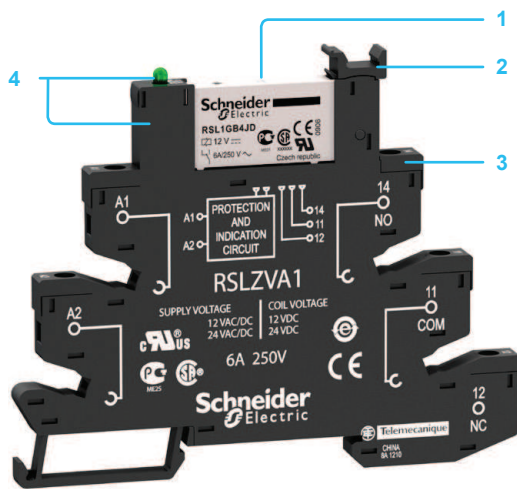
RSL relays are available in two versions:

■ **Pre-assembled range:** a single reference comprising a standard relay mounted on its socket.

- The socket includes a protection circuit (against reverse polarity and surge) and an LED indicator as standard.
- Two types of connector are available for wire connection: screw connectors or spring terminals.
- This pre-assembled solution covers a wide range of operating voltages from 12 to 230 V.

■ **Customer assembly range:**

- The relay (standard or low level) and the socket are selected, as required, according to the operating voltage of the application.
- For maintenance, an RSL slim relay can be replaced without disconnecting the socket wiring.



Relay description

RSL slim interface relays, pre-assembled

- 1 6 A standard relay with 1 C/O contact.
- 2 Lever for retaining or easy withdrawal of the relay from its socket.
- 3 Sockets: wire connection by screw connectors or spring terminals.
- 4 All sockets have a built-in protection circuit and LED indicator.

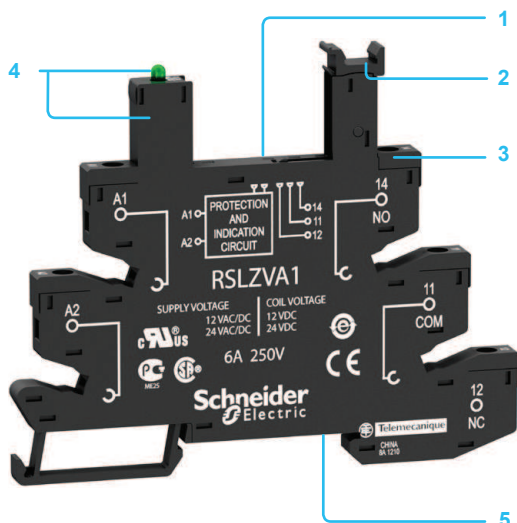
RSL slim interface relay

- 1 Five flat, reinforced pins (PCB type).

Socket description

Sockets for RSL slim interface relays

- 1 Five female contacts for the relay pins.
- 2 Retaining lever with marker label.
- 3 Wire connection by screw connectors or spring terminals.
- 4 Protection circuit and LED indicator are built into the socket.
- 5 Locating slot for mounting on DIN rail.





Slim interface relays, pre-assembled (relay + socket)

Standard relays mounted on socket equipped with LED and protection circuit

Sold in lots of 10

1 C/O contact - Thermal current (Ith) 6A

Operating voltage	Control circuit voltage	Socket type		Weight	Spring terminal	
		Screw connector	Unit reference		Unit reference	Weight
V	V			kg/lb		kg/lb
~ 12	~ 12		RSL1PVJU (RSL1AB4JD + RSLZVA1)	0.031/0.068	RSL1PRJU (RSL1AB4JD + RSLZRA1)	0.029/0.064
~ 24	~ 24		RSL1PVBU (RSL1AB4BD + RSLZVA1)	0.031/0.068	RSL1PRBU (RSL1AB4BD + RSLZRA1)	0.029/0.064
~ 48	~ 48		RSL1PVEU (RSL1AB4ED + RSLZVA2)	0.031/0.068	RSL1PREU (RSL1AB4ED + RSLZRA2)	0.029/0.064
~ 110	~ 60		RSL1PVFU (RSL1AB4ND + RSLZVA3)	0.031/0.068	RSL1PRFU (RSL1AB4ND + RSLZRA3)	0.029/0.064
~ 230	~ 60		RSL1PVPU (RSL1AB4ND + RSLZVA4)	0.031/0.068	RSL1PRPU (RSL1AB4ND + RSLZRA4)	0.029/0.064



Slim interface relays for customer assembly: relay + socket

Relays with flat, reinforced pins (PCB type)

Sold in lots of 10

1 C/O contact - Thermal current (Ith) 6A

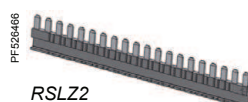
Control circuit voltage	Standard		Low level	
	Unit reference	Weight	Unit reference	Weight
V		kg/lb		kg/lb
~ 12	RSL1AB4JD	0.006/0.013	RSL1GB4JD	0.006/0.013
~ 24	RSL1AB4BD	0.006/0.013	RSL1GB4BD	0.006/0.013
~ 48	RSL1AB4ED	0.006/0.013	RSL1GB4ED	0.006/0.013
~ 60	RSL1AB4ND	0.006/0.013	RSL1GB4ND	0.006/0.013



Sockets equipped with LED and protection circuit

Sold in lots of 10

Operating voltage	For use with relays	Socket type		Weight	Spring terminal	
		Screw connector	Unit reference		Unit reference	Weight
V				kg/lb		kg/lb
~ 12 and ~ 24	RSL1●B4JD RSL1●B4BD		RSLZVA1	0.025/0.055	RSLZRA1	0.023/0.051
~ 48 and ~ 60	RSL1●B4ED RSL1●B4ND		RSLZVA2	0.025/0.055	RSLZRA2	0.023/0.051
~ 110	RSL1●B4ND		RSLZVA3	0.025/0.055	RSLZRA3	0.023/0.051
~ 230	RSL1●B4ND		RSLZVA4	0.025/0.055	RSLZRA4	0.023/0.051



Accessories for sockets

Description	Compatibility	Reference	Weight
			kg/lb
Clip-in legends (2 sheets of 64 legends)	With all sockets	RSLZ5	0.001/0.002
Bus jumper (10 x 20-pole jumper)	With all sockets	RSLZ2	0.003/0.007
Partition plate (10 partition plates)	With all sockets	RSLZ3	0.001/0.002