

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 as:

■ **Pre-assembled offer:** 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.

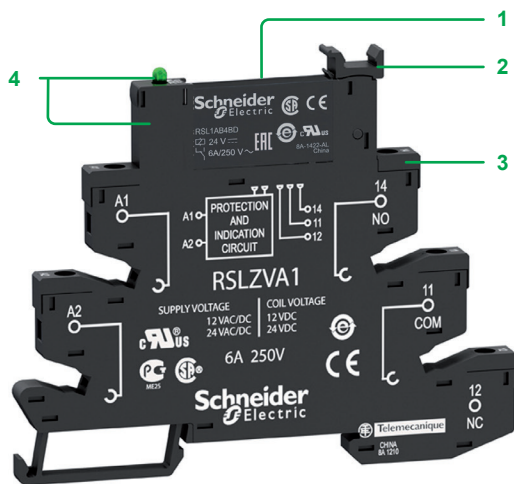
□ 2 types of connector are available for wire connection: screw connectors or spring terminals.

□ This pre-assembled solution covers a wide range of operating voltages from 12 to 230 V.

■ **Customer assembly offer:**

□ The relay (standard or low level) and the socket are selected, as required, according to the operating voltage of the application.

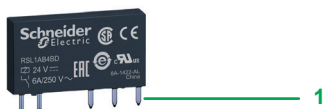
□ For maintenance, an RSL slim relay can be replaced without disconnecting the socket wiring.



Relay description

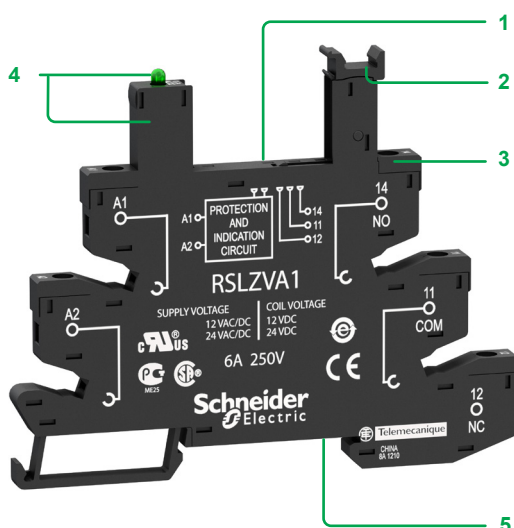
RSL slim interface relays, pre-assembled

- 1 6 A standard relay with 1 CO 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 Built-in protection circuit and LED indicator on all sockets



RSL slim interface relay

- 1 5 flat (PCB type) standard pins



Socket description

Sockets for RSL slim interface relays

- 1 5 female contacts for the relay pins
- 2 Retaining lever with marker label
- 3 Wire connection by screw connectors or spring terminals
- 4 Built-in protection circuit and LED indicator
- 5 Locating slot for mounting on DIN rail



Pre-assembled slim interface relays

Standard relays mounted on socket equipped with LED and protection circuit (Sold in lots of 10)

1 CO contact - 6A thermal current (Ith)

Operating voltage V	Control circuit voltage V	Socket type		Spring terminal	
		Screw connector Unit reference	Weight kg/lb	Unit reference	Weight 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

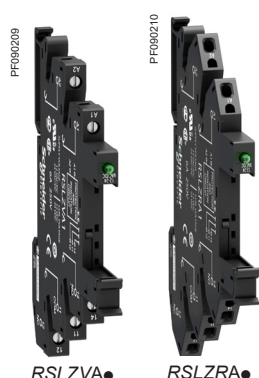


Slim interface relays for customer assembly

Relays with flat (PCB type) standard pins (Sold in lots of 10)

1 CO contact - 6A Thermal current (Ith)

Control circuit voltage V	Standard		Low level	
	Unit reference	Weight kg/lb	Unit reference	Weight 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 V	For use with relays	Socket type		Spring terminal	
		Screw connector Unit reference	Weight kg/lb	Unit reference	Weight kg/lb
~/~ 12 and ~/~ 24	RSL1B4JD RSL1B4BD	RSLZVA1	0.025/0.055	RSLZRA1	0.023/0.051
~/~ 48 and ~/~ 60	RSL1B4ED RSL1B4ND	RSLZVA2	0.025/0.055	RSLZRA2	0.023/0.051
~/~ 110	RSL1B4ND	RSLZVA3	0.025/0.055	RSLZRA3	0.023/0.051
~/~ 230	RSL1B4ND	RSLZVA4	0.025/0.055	RSLZRA4	0.023/0.051



Socket accessories

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