

RSL slim interface relays

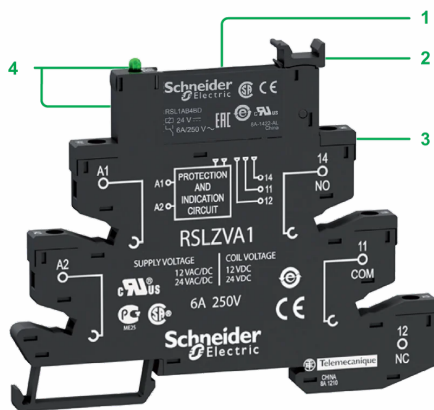
Presentation and description

Presentation of the range

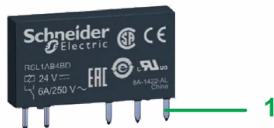
RSL slim interface relays offer the advantages of compact size and modular design. Their slim width (6 mm/0.236 in.) saves space when mounting on a DIN rail at the back of an enclosure.

RSL relays are available as:

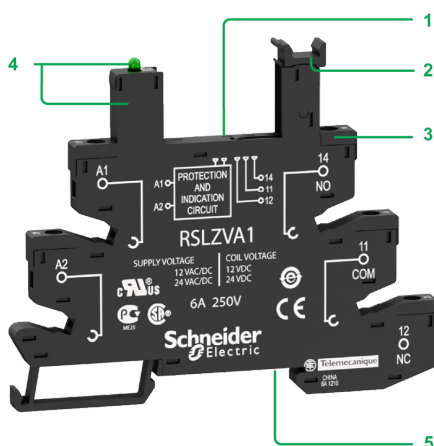
- **Pre-assembled offer:** a single reference comprising a standard relay mounted on its socket.
 - The socket includes a protection circuit (against reverse polarity and surge) and an LED indicator as standard.
 - Two types of connector are available for wire connection: screw connectors or spring terminals.
 - This pre-assembled solution covers a wide range of operating voltages from 12 to 230 V.
- **Customer assembly offer:**
 - The relay (standard or low level) and the socket are selected, as required, according to the application's operating voltage.
 - For maintenance, an RSL slim relay can be replaced without disconnecting the socket wiring.



Pre-assembled (socket + relay)



Relay



Socket

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

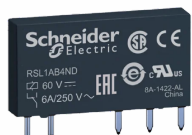
C



RSL1PVB



RSL1PRP



RSL1AB4ND



RSLZVA



RSLZRA



RSLZ2



RSLZ3

Pre-assembled slim interface relays

Relays mounted on socket equipped with LED and protection circuit (sold in lots of 10)

1 CO contact - 6A Thermal current (lth)

Control circuit voltage V	Pre-assembled unit reference	Components in pre-assembled unit reference		Weight kg/lb
		Relay	Socket (with LED)	
12 ~/~	RSL1PVJU	RSL1AB4JD	RSLZVA1	0.031/0.068
24 ~/~	RSL1PVB	RSL1AB4BD	RSLZVA1	0.031/0.068
48 ~/~	RSL1PVEU	RSL1AB4ED	RSLZVA2	0.031/0.068
110 ~/~	RSL1PVFU	RSL1AB4ND	RSLZVA3	0.031/0.068
230 ~/~	RSL1PVP	RSL1AB4ND	RSLZVA4	0.031/0.068

Spring terminal socket type

12 ~/~	RSL1PRJU	RSL1AB4JD	RSLZRA1	0.029/0.064
24 ~/~	RSL1PRBU	RSL1AB4BD	RSLZRA1	0.029/0.064
48 ~/~	RSL1PREU	RSL1AB4ED	RSLZRA2	0.029/0.064
110 ~/~	RSL1PRFU	RSL1AB4ND	RSLZRA3	0.029/0.064
230 ~/~	RSL1PRP	RSL1AB4ND	RSLZRA4	0.029/0.064

Slim interface relays for customer assembly

Relays with flat (PCB type) standard pins

1 CO contact - 6A Thermal current (lth)

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)

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

Socket accessories

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