

Product update

Zelio® RSL Interface Relays

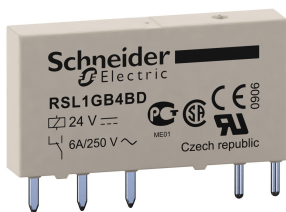
Save valuable panel space with slim-style relays and sockets.

> August 2010



Slim interface relays from Schneider Electric provide compact solutions for general purpose relay requirements. At only 6mm wide, the Zelio RSL frees valuable panel space. The modular space-saving design is ideal for panel builders, industrial automation, energy management, conveyors, and assembly machine applications.

Installation time is greatly reduced with pre-assembled relays and sockets. Relays can also be obtained individually to seamlessly replace worn out or competitor products. Optional accessories include bus-jumpers and print tags to facilitate parallel wiring and provide quick identification. The Zelio product line ranges from basic to full-featured relays designed for industrial and general purpose product designs.



> Key Features and benefits:

- > Space-saving 6mm width
- > Load rating: 6A with 1 C/O contact
- > Available in standard and gold plated contacts material for low level current switching (1mA)
- > Coil voltage range: 12V to 230V
- > Reinforced PCB pins (relay)
- > Pre-assembled or customer assembly options available
- > Universal AC/DC socket with built-in protection circuit (surge protection and reverse polarity) and LED indicator
- > Locating slot for mounting on DIN rail
- > Lever for easy locking and removal of the relay
- > Screw terminal and spring clamp socket models
- > Wide operating temperature ranging from -40°C to 55°C

Pre Assembled Slim Interface Relays

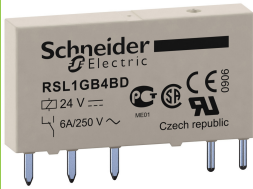
Relays Mounted on socket equipped with LED and Protection Circuit – sold in lots of 10



Operating Voltage (VDC/VAC)	Control Circuit Voltage (VDC)	Socket type Screw Connector	Spring Terminal
1C/O contact – thermal current (Ith) 6A			
12	12	RSL 1PVJU	RSL 1PRJU
24	24	RSL 1PVBU	RSL 1PRBU
48	48	RSL 1PVEU	RSL 1PREU
115	60	RSL 1PVFU	RSL 1PRFU
230	60	RSL 1PVPU	RSL 1PRPU

Slim Relays for Customer Assembly: Relays and Sockets

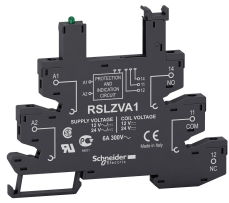
Relays with flat, reinforced pins (PCB type) – sold in lots of 10



Control Circuit Voltage (VDC)	Standard Current switching	Low level current switching (Gold plated)
1C/O contact – thermal current (Ith) 6A		
12	RSL 1AB4JD	RSL 1GB4JD
24	RSL 1AB4BD	RSL 1GB4BD
48	RSL 1AB4ED	RSL 1GB4ED
60	RSL 1AB4ND	RSL 1GB4ND

Sockets equipped with LED protection circuit - sold in lots of 10

Operating Voltage (VDC/VAC)	Control Circuit Voltage (VDC)	Socket type Screw Connector	Spring Terminal
12 and 24	RSL 1*B4JD	RSL ZVA1	RSL ZRA1
	RSL 1*B4BD		
40 and 60	RSL 1*B4ED	RSL ZVA2	RSL ZRA2
	RSL 1*B4ND		
110	RSL 1*B4ND	RSL ZVA3	RSL ZRA3
230	RSL 1*B4ND	RSL ZVA4	RSL ZRA4



Accessories for sockets – sold in lots of 10

Description	Compatibility	Reference number
Clip-in legends (sheet of 64 legends)		RSL Z5
Bus jumper (20-pole jumper)	With all sockets	RSL Z2
Partition plate		RSL Z3

For further information please contact us on 0870 608 8 608 or visit www.schneider-electric.co.uk