

# VS-2L socket - Screw terminal, wall/ Datasheet rail mount



## Application

The VS-2L is a surface / wall and 35 mm rail mount relay socket. The VS-2L socket has one screw terminal per relay contact suitable for two wires up to 2.5 mm<sup>2</sup>, so looping/daisy chaining can be done on the socket and no external connector or terminal is needed.

The VS-2L relay socket has no internal soldering connections which makes it highly reliable. A signalling / protecting module can be placed on the socket and is parallel connected with the relay coil. Refer to page 4 for ordering codes.

## Description

The VS-2L relay socket is suitable for general purpose applications. Installation and replacement of relays is made easy and cost saving. No maintenance is required for the user.

Suitable for all S1&S2-relays.

### Features

- 35 mm rail mounting
- Screw terminals
- Suitable for S1&S2-relays
- No internal soldering
- Retaining clip connection possible
- Various plug-in signalling / protecting modules available

### Benefits

- Proven reliability
- Long term availability
- Easy to maintain
- Low life cycle cost

### Industry compliancy

- IEC 61984:2005
- IEC 60998-1:2006
- IEC60512-1:2004

# VS-2L socket

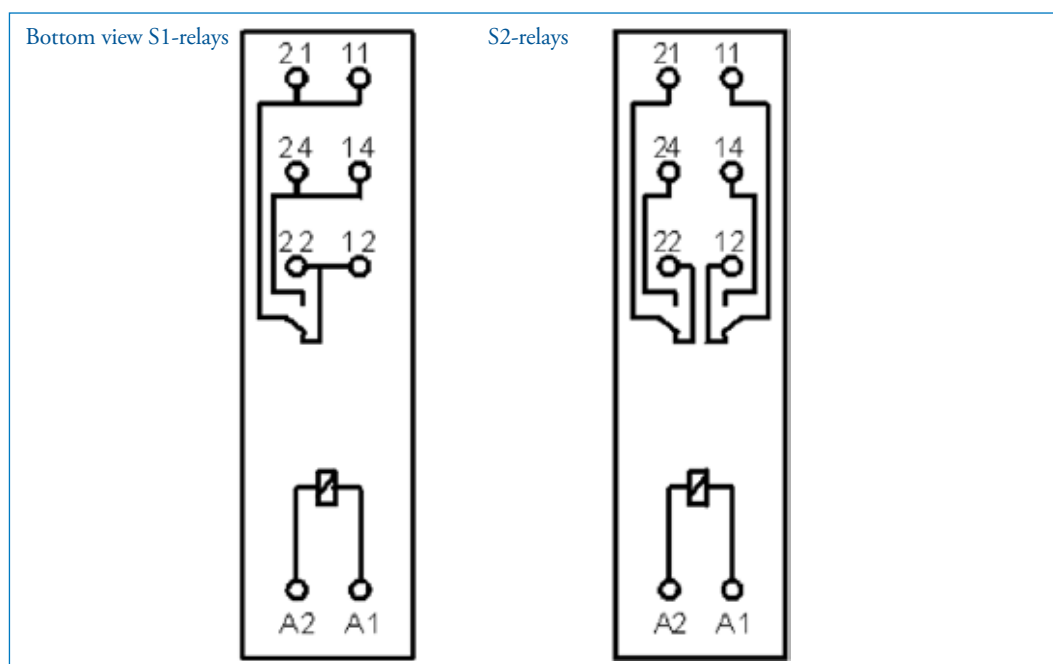
## Technical specifications



### Technical characteristics

Contact rating	12 A
Dielectric strength	IEC 60664-1, 5000 V, 50/60 Hz, 1 min
Protecting category	IEC 60529, IP20
Mounting	35 mm rail mount
Ambient temperature	-40 °C...70 °C
Weight	46 g
Dimensions	78.1 x 61 x 15.9 mm
Wire size	2 x 2.5 mm <sup>2</sup>
Wire stripping length	6.5 mm
Material	Polyester
Socket contacts	Screw terminal
Accessories	Various, see pages 4 & 5

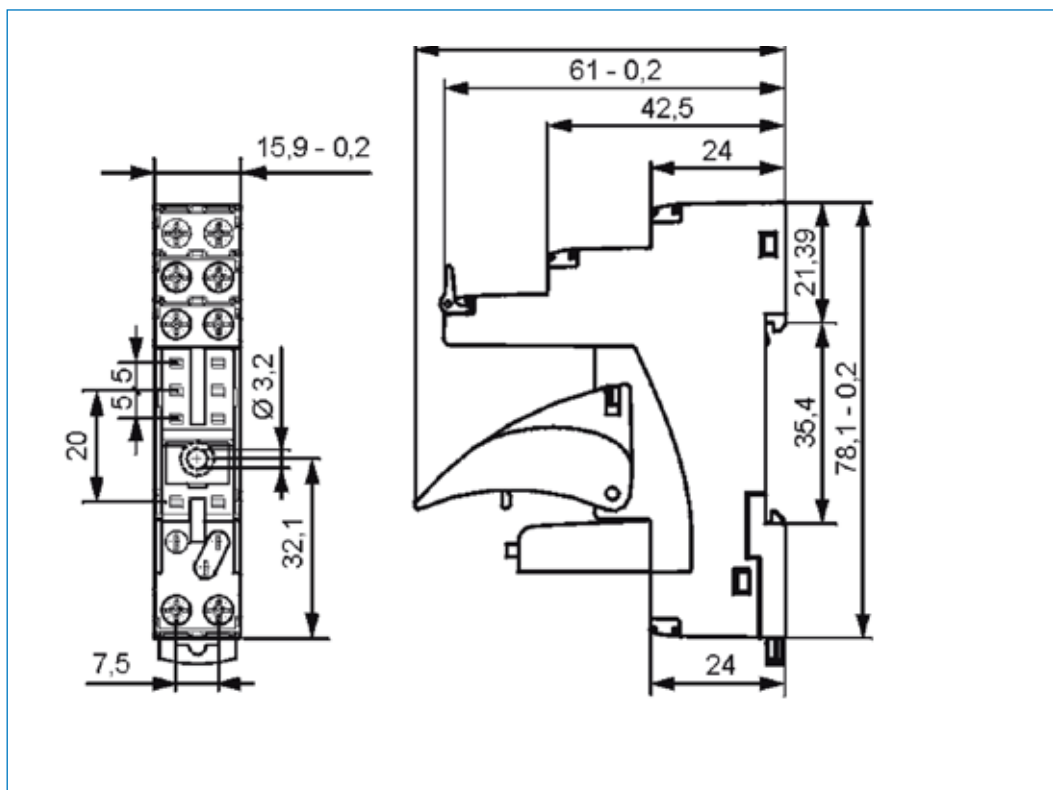
### Connection diagram



# VS-2L socket

## Technical specifications

### Dimensions



# VS-2L socket

## Ordering codes

### Ordering codes

Art. no.	Type	Description
321000559	VS-2L	VS-2L socket for S-relays

### Socket accessories



MS-2L

CS-1

DPS-1

S-connect-5

Art. no.	Type	Applicable for
321000560	MS-2L	Relay retaining clip, plastic
321000563	CS-1	Relay retaining clip, metal
321000564	DPS-1	Description plate
321000562	S-connector-5	Interconnection strip



# VS-2L socket Modules



Art.no.	Type	Schematic	Voltage	LED colour
321000507	<b>DM-1</b> Limits overvoltage on DC coils	+A2 -A1	6...230 VDC	
321000524	<b>DM-2</b> Limits overvoltage on DC coils	-A2 +A1	6...230 VDC	
321000525	<b>DLM-3R</b> Limits overvoltage on DC coils Coil energizing indication	+A2 -A1	6...24 VDC	Red
321000526			24...60 VDC	Red
321000527	<b>DLM-3G</b> Limits overvoltage on DC coils Coil energizing indication	+A2 -A1	110...230 VDC	Red
321000528			6...24 VDC	Green
321000529			24...60 VDC	Green
321000530	Coil energizing indication		110...230 VDC	Green
321000531	<b>DLM-4R</b> Limits overvoltage on DC coils Coil energizing indication	-A2 +A1	6...24 VDC	Red
321000532			24...60 VDC	Red
321000533	<b>DLM-4G</b> Limits overvoltage on DC coils Coil energizing indication	-A2 +A1	110...230 VDC	Red
321000534			6...24 VDC	Green
321000535			24...60 VDC	Green
321000536	Coil energizing indication		110...230 VDC	Green
321000537	<b>RCM-5</b> Limits overvoltage on DC coils Coil energizing indication	A2	6...24 VAC/DC	
321000538		A1	24...60 VAC/DC	
321000539			110...230 VAC/DC	
321000540	<b>LM-6R</b> Limits overvoltage on DC coils	≈ A2 + A1	6...24 VDC	Red
321000541			24...60 VDC	Red
321000542	<b>LM-6G</b> Limits overvoltage on DC coils	≈ A2 + A1	110...230 VDC	Red
321000543			6...24 VDC	Green
321000544			24...60 VDC	Green
321000545	Coil energizing indication		110...230 VDC	Green
321000546	<b>IVM-7R</b> Limits overvoltage on DC coils Coil energizing indication	≈ A2 + A1	6...24 VDC	Red
321000547			24...60 VDC	Red
321000548	<b>IVM-7G</b> Limits overvoltage on DC coils Coil energizing indication	≈ A2 + A1	110...230 VDC	Red
321000549			6...24 VDC	Green
321000550			24...60 VDC	Green
321000551	Coil energizing indication		110...230 VDC	Green
321000552	<b>VM-8</b> Limits overvoltage on AC coils No indication	A2	24 VAC	
321000553		A1	130 VAC	
321000554			230 VAC	
321000555	<b>RM-9</b> Limits overvoltage on DC coils	A2 A1	110...230 VAC	





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