

/// Socket, screw terminal, wall / rail mount

VM-2R

Relay socket



Description

The VM-2R is a surface / wall and 35 mm rail mount relay socket. The VM-2R socket has one screw terminal per relay contact suitable for two wires up to 2.5 mm², so looping / daisy chaining can be done on the socket and no external connector or terminal is needed.

The VM-2R relay socket has no internal soldering connections which make it highly reliable. A signalling / protecting module can be placed on the socket and is parallel connected with the relay coil.

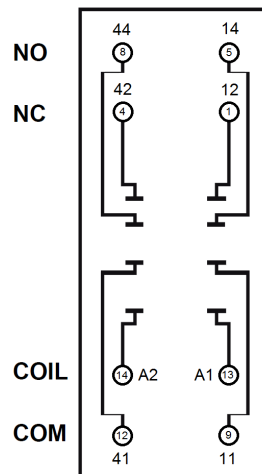
Application

The VM-2R 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.

Features

- 35 mm rail mounting
- Screw terminals
- Suitable for M2-relays
- No internal soldering
- Retaining clip connection possible
- Various plug-in signalling / protecting modules available

Connection diagram



Approvals

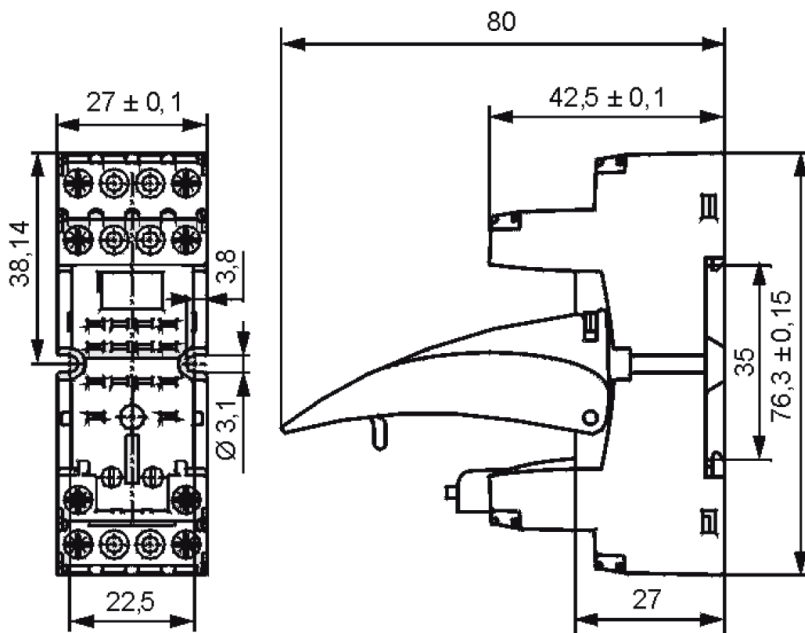
- IEC 61984-2005
- IEC 60998-1:2006
- IEC 60512-1:2004

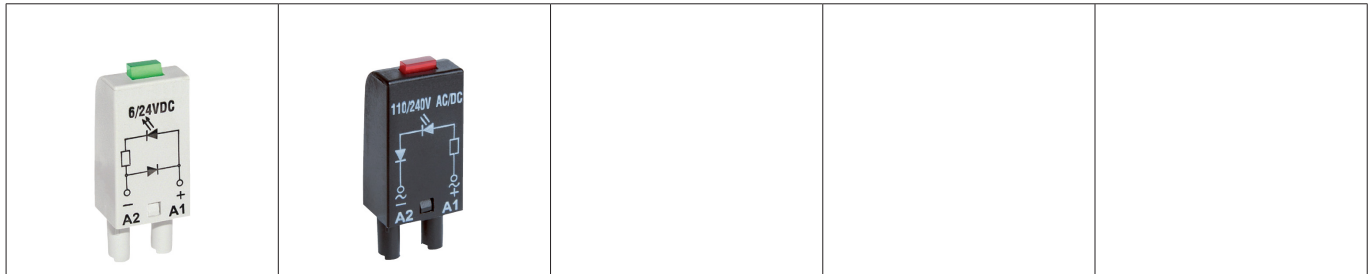
Technical specifications

Technical characteristics

Contact rating		12 A
Dielectric strength	IEC 6664-1	3000 V, 50/60 Hz, 1 min
Protecting category	IEC 60529	IP20
Mounting		35 mm rail mount
Ambient temperature		-40 °C...70 °C
Weight		52 g
Dimensions		76.3 x 42.5 x 27 mm
Wire size		2 x 2.5 mm ²
Wire stripping length		6.5 mm
Material		Polyester
Socket contacts		Screw terminal

Dimensions



Accessories


Type	Schematic	Voltage	Art.no.	LED colour	
DM-1 Limits overvoltage on DC coils	- A2 + A1	6...230 VDC	321000507		
DM-2 Limits overvoltage on DC coils	+ A2 - A1	6...230 VDC	321000524		
DLM-3R Limits overvoltage on DC coils Coil energizing indication	+ A2 - A1	6...24 VDC 24...60 VDC 110...230 VDC	321000525 321000526 321000527	Red Red Red	
DLM-3G Limits overvoltage on DC coils Coil energizing indication		6...24 VDC 24...60 VDC 110...230 VDC	321000528 321000529 321000530	Green Green Green	
DLM-4R Limits overvoltage on DC coils Coil energizing indication		- A2 + A1	6...24 VDC 24...60 VDC 110...230 VDC	321000531 321000532 321000533	Red Red Red
DLM-4G Limits overvoltage on DC coils Coil energizing indication	- A2 + A1	6...24 VDC 24...60 VDC 110...230 VDC	321000534 321000535 321000536	Green Green Green	
RCM-5 Limits overvoltage on AC and DC coils Coil energizing indication		A2 A1	6...24 VAC/DC 24...60 VAC/DC 110...230 VAC/DC	321000537 321000538 321000539	
LM-6R Limits overvoltage on AC and DC coils		≈ A2 ± A1	6...24 VAC/DC 24...60 VAC/DC 110...230 VAC/DCC	321000540 321000541 321000542	Red Red Red
LM-6G Limits overvoltage on AC and DC coils	6...24 VAC/DC 24...60 VAC/DC 110...230 VAC/DC		321000543 321000544 321000545	Green Green Green	
LVM-7R Limits overvoltage on AC and DC coils Coil energizing indication	≈ A2 ± A1		6...24 VAC/DC 24...60 VAC/DC 110...230 VAC/DC	321000546 321000547 321000548	Red Red Red
LVM-7G Limits overvoltage on AC and DC coils Coil energizing indication	≈ A2 ± A1	6...24 VAC/DC 24...60 VAC/DC 110...230 VAC/DC	321000549 321000550 321000551	Green Green Green	
VM-8 Limits overvoltage on AC coils No indication		A2 A1	6...24 VAC 110...130 VAC 110...240 VAC	321000552 321000553 321000554	
RM-9 Limits overvoltage on AC coils		A2 A1	110...240 VAC	321000555	

Socket VM-2R

Sockets

				
VM-2R				

Art. no.	Type	Applicable for	Connection	Weight (g)	Dimensions (mm)
321000520	VM-2R	M2 relays, 35 mm rail or wall	Screw terminals	52	76.3 x 42.5 x 27

Accessories

				
MS-35	CM-1	DPM-1	M-connect-5	

Art. no.	Type	Applicable for	Weight (g)
321000509	MS-35	Relay retaining clip, plastic	4
321000503	CM-1	Relay retaining clip, metal	0.5
321000522	DMP-1	Description plate	0.4
321000523	M-connector-5	Interconnection strip	6.5

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