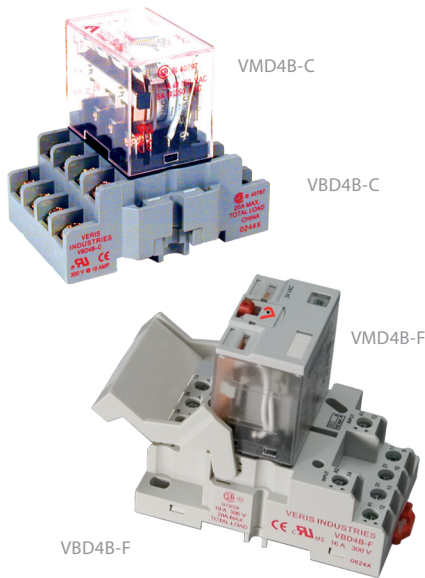


VMD4B & VMD4B-C SERIES

Socket Relays with a Wide Range of Features and Coil Voltages



The Veris VMD4B Series are 4PDT blade-style relays for socket/DIN mounting. Both the full-featured and standard DIN rail sockets are compatible with both the VMD4B-C and VMD4B-F relays and feature a slim, attractive design.

The standard VMD4B-C model is economical and reliable. The full-featured VMD4B-F includes an LED and a flag indicator for convenient status viewing and a push-button test feature for easy troubleshooting. The finger-safe sockets reduce risk, and the hold-down clip keeps the device secure. Enhanced safety and dependability.

SPECIFICATIONS

Operating Temp. Range	-40 to 55 °C (-40 to 131 °F)
Coil Operating Range	85% to 110% of rated voltage
Coil Drop-out Voltage Threshold	15% of rated voltage
Expected Relay Life	Electrical (@ rated current) 100,000 cycles; Mechanical (unpowered) 10,000,000 cycles
Operating Time	20 msec typical
Dielectric Strength	1500 Vac RMS

WARRANTY

Limited Warranty	5 years
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AGENCY APPROVALS



Color-coded pushbuttons

Allows manual operation of relay.
AC coils red, DC coils blue.
(-F Series only)

Override lever

When activated, locks pushbutton and contacts in the powered position (-F Series only)

Flag indicator

Shows relay status in manual or powered condition (-F Series only)

2-way mounting

Side or DIN rail mounting system...retrofits existing panel mounting and 35 mm DIN rail

ID tag

ID tag/write-on plastic label... used for identification of relays in multi-relay circuits (-F Series only)

LED status lamp

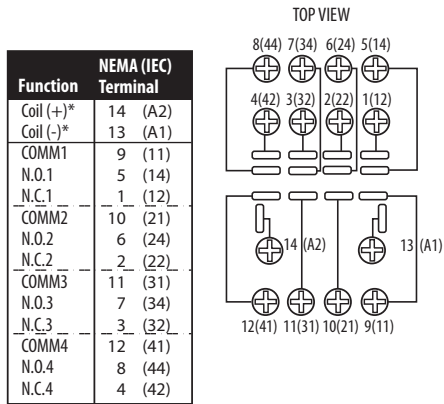
Shows coil "ON" or "OFF" status (-F Series only)

TYPICAL COIL PERFORMANCE	
Power Consumption	
AC Coils	1.5 VA
DC Coils	1.5 W
CONTACT RATINGS	
Resistive	10 A @ 120 Vac
	10 A @ 277 Vac
	10 A @ 28 Vdc
Motor	1/3 HP @ 120 Vac
	1/2 HP @ 250 Vac
Pilot Duty	B300



VBD4B SOCKET

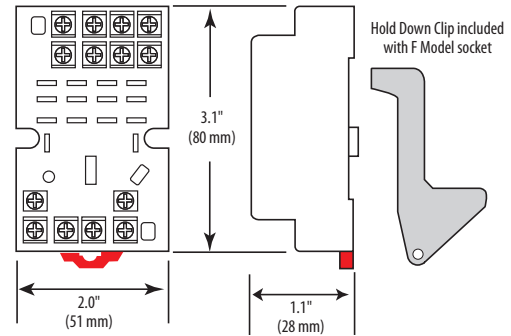
Wiring Diagram



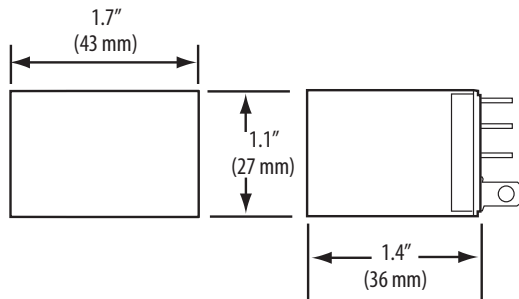
*Observe polarity for relays with DC coil voltages only

VBD4B-F SOCKET

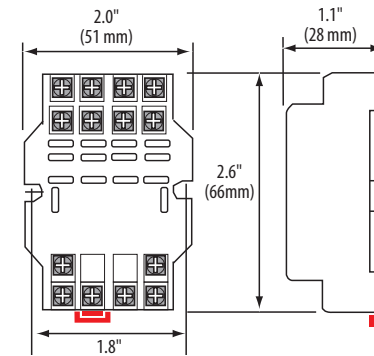
Dimensional Drawing

**VMD4B RELAY**

Dimensional Drawing

**VBD4B-F SOCKET**

Dimensional Drawing

**RELAY ORDERING INFORMATION**

MODEL	RELAY TYPE	AMPERAGE RANGE	COIL VOLTAGE	MIN. SWITCHING CURRENT	FULL FEATURED	UL	CE
VMD4B-C24D	4PDT	10 A	24 Vac	100 mA@5 Vdc		•	•
VMD4B-C24A			24 Vac			•	•
VMD4B-C120A			120 Vac			•	•
VMD4B-F24D			24 Vdc		•	•	•
VMD4B-F24A			24 Vac		•	•	•
VMD4B-F120A			120 Vac		•	•	•

SOCKET ORDERING INFORMATION

MODEL	AMPERAGE RATING	VOLTAGE RATING	FINGER SAFE	HOLD DOWN CLIP	UL	CE
VBD4B-C	10 A	300 V			•	•
VBD4B-F	10 A		•	•	•	•

Note: When relays and sockets are used together, the amperage rating is the lesser of the two ratings.

RELAY & SOCKET KIT ORDERING INFORMATION

KIT MODEL	RELAY INCLUDED	SOCKET INCLUDED	RELAY TYPE	AMPERAGE RANGE	COIL VOLTAGE	MIN. SWITCHING CURRENT	UL	CE
FKIT-VMD4B-C24D	VMD4B-C24D	VBD4B-F	4PDT	10 A	24 Vdc	100 mA@5 Vdc	•	•
FKIT-VMD4B-C24A	VMD4B-C24A	VBD4B-F	4PDT		24 Vac	100 mA@5 Vdc	•	•
FKIT-VMD4B-C120A	VMD4B-C120A	VBD4B-F	4PDT		120 Vac	100 mA@5 Vdc	•	•
CKIT-VMD4B-C24D	VMD4B-C24D	VBD4B-C	4PDT		24 Vdc	100 mA@5 Vdc	•	•
CKIT-VMD4B-C24A	VMD4B-C24A	VBD4B-C	4PDT		24 Vac	100 mA@5 Vdc	•	•
CKIT-VMD4B-C120A	VMD4B-C120A	VBD4B-C	4PDT		120 Vac	100 mA@5 Vdc	•	•