

VMD2B-C & VMD2B-F SERIES

Socket Relays in a Wide Range of Coil Voltages



Veris VMD2B Series are DPDT blade-style relays for socket/DIN mounting.

The VMD2B-F is the full-featured model in a slim housing. The LED, the flag indicator, and the test button allow for worry-free operation and easy troubleshooting with minimal downtime. Never wonder where the problem is!

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 push button

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

LED status lamp

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

2-way mounting

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

Override lever

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

Flag indicator

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

Flexible ordering

Relays and sockets sold individually or in kits

TYPICAL COIL PERFORMANCE

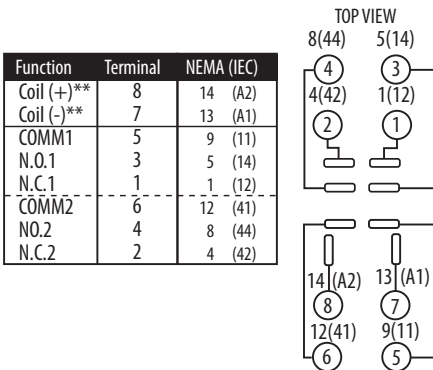
Power Consumption	
AC Coils	1.2 VA
DC Coils	0.9 W

CONTACT RATINGS

Standard (F & C Series)	
Resistive	15 A @ 120 Vac
	12 A @ 277 Vac
	12 A @ 28 Vdc
Motor	1/2 HP @ 120 Vac
	1 HP @ 250 Vac
Pilot Duty	B300

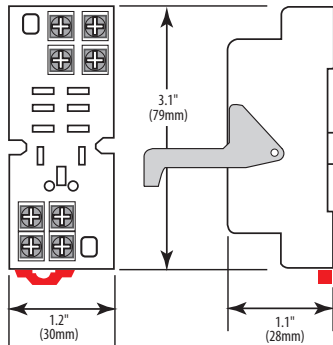
VBD2B SOCKET

Wiring Diagram

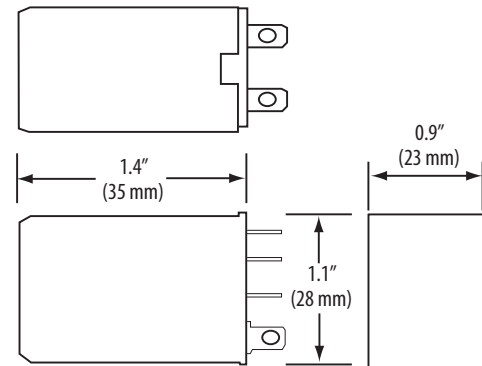


VBD2B-F SOCKET

Dimensional Drawing

**VMD2B RELAY**

Wiring Diagram

**RELAY ORDERING INFORMATION**

MODEL	RELAY TYPE	AMPERAGE RANGE	COIL VOLTAGE	MIN. SWITCHING CURRENT	FULL FEATURED	UL	CE
VMD2B-C12D	DPDT	15 A	12 Vdc	100 mA@5 Vdc		•	•
VMD2B-C24D		15 A	24 Vdc	100 mA@5 Vdc		•	•
VMD2B-C24A		15 A	24 Vac	100 mA@5 Vdc		•	•
VMD2B-C120A		15 A	120 Vac	100 mA@5 Vdc		•	•
VMD2B-F12D		15 A	12 Vdc	100 mA@5 Vdc	•	•	•
VMD2B-F24D		15 A	24 Vdc	100 mA@5 Vdc	•	•	•
VMD2B-F24A		15 A	24 Vac	100 mA@5 Vdc	•	•	•
VMD2B-F120A		15 A	120 Vac	100 mA@5 Vdc	•	•	•
VMD2B-F240A		15 A	240 Vac	100 mA@5 Vdc	•	•	•

SOCKET ORDERING INFORMATION

MODEL	AMPERAGE RATING	VOLTAGE RATING	FINGER SAFE	HOLD DOWN CLIP	UL	CE
VBD2B-F	20 A	300 V	•	•	•	•

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-VMD2B-C12D	VMD2B-C12D	VBD2B-F	DPDT	15 A	12 Vdc	100 mA@5 Vdc	•	•
FKIT-VMD2B-C24D	VMD2B-C24D	VBD2B-F	DPDT		24 Vdc	100 mA@5 Vdc	•	•
FKIT-VMD2B-C24A	VMD2B-C24A	VBD2B-F	DPDT		24 Vac	100 mA@5 Vdc	•	•
FKIT-VMD2B-C120A	VMD2B-C120A	VBD2B-F	DPDT		120 Vac	100 mA@5 Vdc	•	•
FKIT-VMD2B-F12D	VMD2B-F12D	VBD2B-F	DPDT		F12 Vdc	100 mA@5 Vdc	•	•
FKIT-VMD2B-F24D	VMD2B-F24D	VBD2B-F	DPDT		F24 Vdc	100 mA@5 Vdc	•	•
FKIT-VMD2B-F24A	VMD2B-F24A	VBD2B-F	DPDT		F24 Vac	100 mA@5 Vdc	•	•
FKIT-VMD2B-F120A	VMD2B-F120A	VBD2B-F	DPDT		120 Vac	100 mA@5 Vdc	•	•
FKIT-VMD2B-F240A	VMD2B-F240A	VBD2B-F	DPDT		240 Vac	100 mA@5 Vdc	•	•
CKIT-VMD2B-F240A	VMD2B-F240A	VBD2B-C	DPDT		240 Vac	100 mA@5 Vdc	•	•
CKIT-VMD2B-C12D	VMD2B-C12D	VBD2B-C	DPDT		12 Vdc	100 mA@5 Vdc	•	•
CKIT-VMD2B-C24D	VMD2B-C24D	VBD2B-C	DPDT		24 Vdc	100 mA@5 Vdc	•	•
CKIT-VMD2B-C24A	VMD2B-C24A	VBD2B-C	DPDT		24 Vac	100 mA@5 Vdc	•	•
CKIT-VMD2B-C120A	VMD2B-C120A	VBD2B-C	DPDT		120 Vac	100 mA@5 Vdc	•	•