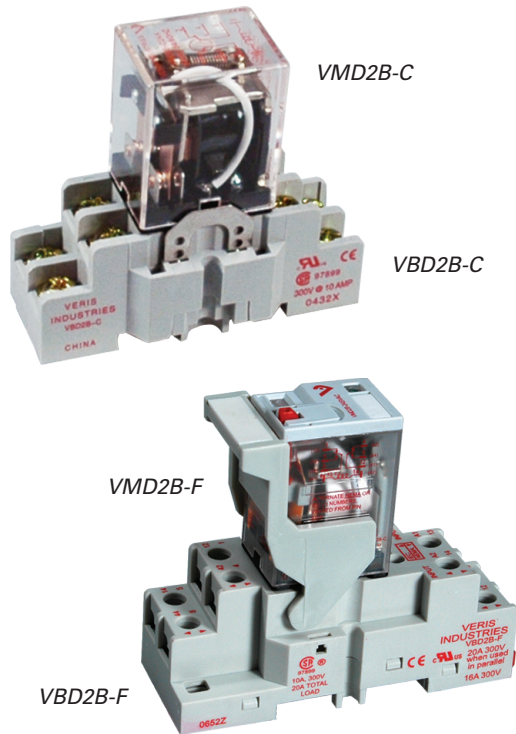


Socket DPDT Relays

VMD2B-C & VMD2B-F Series



Socket Relays In A Wide Range Of Coil Voltages

FEATURES

Full featured model:

- Color-coded push button...allows manual operation of relay. AC coils red or DC coils blue
- Removable override lever...when activated, locks push button and contacts in the powered position
- Flag indicator...shows contact status in manual or powered condition
- LED status lamp...shows coil "ON" or "OFF" status
- I.D. tag/write-on plastic label...used for identification of relays in multi-relay circuits
- 2-Way side or DIN rail mounting system...retrofits existing panel mounting and 35 mm DIN rail
- Mating hold-down clip...secures relay to socket (-F sockets)

Low level bifurcated model:

- All of the above full featured benefits
- Bifurcated contacts for high reliability at extremely low current levels
- Perfect for HVAC applications when you need to switch and hold low loads for long periods of time
- Hybrid relay, good for both logic switching and power switching

SPECIFICATIONS

5 Year
Warranty

Operating Temp Range	-40° to 55°C (-40° to 131°F)
Operating Range	85% to 110% of rated voltage
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	1500VAC (RMS)

TYPICAL COIL PERFORMANCE

Power Consumption	
AC Coils.....	1.2VA
DC Coils.....	0.9W

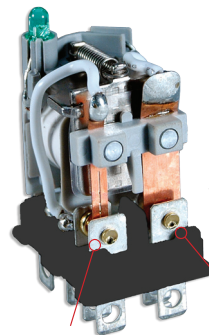
CONTACT RATINGS

Standard (F & C Series)		
Resistive.....	10A@120VAC	
	10A@277VAC	
	10A@28VDC	
Motor.....	1/4 HP@120VAC	
	1/3 HP@250VAC	
Pilot Duty.....	B300	
Hybrid (S Series, Bifurcated)		
	Low Side	High Side
Resistive.....	3A@120VAC	10A@120VAC
	3A@277VAC	8A@277VAC
	3A@30VDC	8A@28VDC
Motor.....	1/16 HP@120VAC	1/3 HP@120VAC
	—	1 HP@277VAC
Pilot Duty.....		B300
CSA		
Resistive.....	10A@277VAC	

DESCRIPTION

Veris **VMD2B Series** are DPDT blade-style relays for socket/DIN mounting. Both the full-featured and standard DIN rail sockets are compatible with all VMD2B relays.

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!



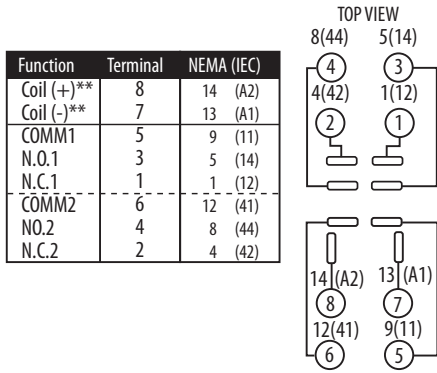
VMD2B-S has a hybrid design - great for installations where one pole is switching a dry circuit & the other pole is switching a motor starter!

3 mA - 3 Amps
Dual (bifurcated) contacts for optimum wiping & contact performance.

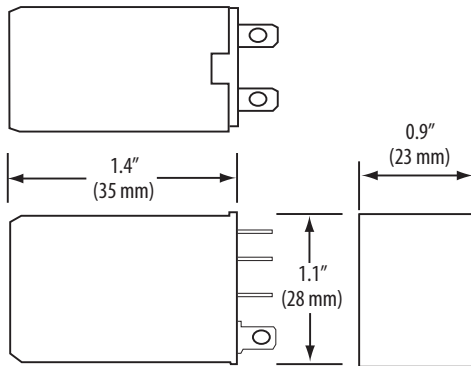
100 mA - 10 Amps

WIRING DIAGRAM

VBD2B Sockets

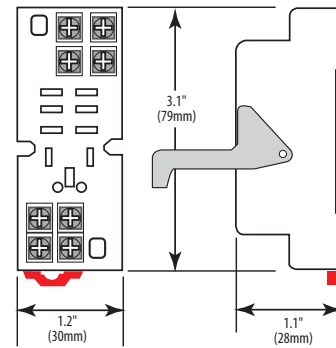


VMD2B Relays

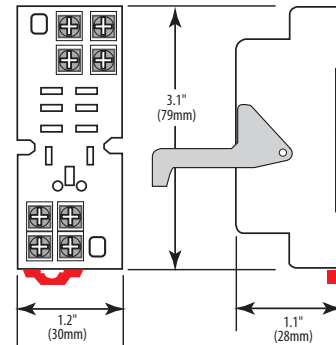


DIMENSIONAL DRAWING

VBD2B-F Socket



VBD2B-F Socket



ORDERING INFORMATION



MODEL	RELAY TYPE	AMPERAGE RANGE	COIL VOLTAGE	MIN. SWITCHING CURRENT	FULL FEATURED	UL	CE
VMD2B-C12D	DPDT	15A	12VDC	100mA@5VDC		●	●
VMD2B-C24D		15A	24VDC	100mA@5VDC		●	●
VMD2B-C24A		15A	24VAC	100mA@5VDC		●	●
VMD2B-C120A		15A	120VAC	100mA@5VDC		●	●
VMD2B-F12D		15A	12VDC	100mA@5VDC	●	●	●
VMD2B-F24D		15A	24VDC	100mA@5VDC	●	●	●
VMD2B-F24A		15A	24VAC	100mA@5VDC	●	●	●
VMD2B-F120A		15A	120VAC	100mA@5VDC	●	●	●
VMD2B-F240A		15A	240VAC	100mA@5VDC	●	●	●
VMD2B-24SVAC		3A/10A	24VAC	3mA@17VDC/100mA@5VDC	●	●	●
VMD2B-120SVAC		3A/10A	120VAC	3mA@17VDC/100mA@5VDC	●	●	●

These relays are **UL Listed**, when used with the Veris sockets.

SOCKET ORDERING INFORMATION

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

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

ACCESSORIES

DIN Rail, Stop Clip (AV01, AV02)

