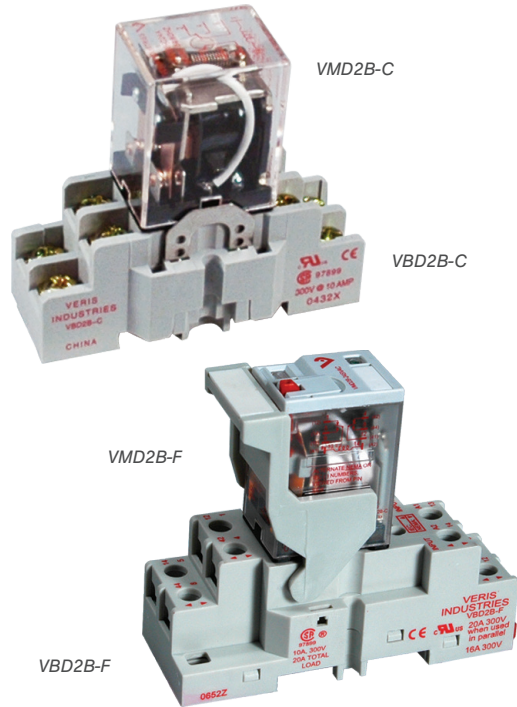




VMD2B-C & VMD2B-F Series



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

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

TYPICAL COIL PERFORMANCE

	Power Consumption
AC Coils	1.2 VA
DC Coils	0.9 W

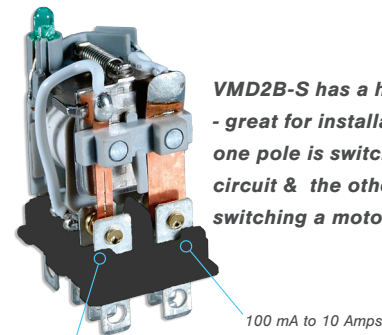
CONTACT RATINGS

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	
Hybrid (S Series, Bifurcated)		
	Low Side	High Side
Resistive	3 A @ 120 Vac	10 A @ 120 Vac
	3 A @ 277 Vac	8 A @ 277 Vac
	3 A @ 30Vac	8 A @ 28 Vac
Motor	1/16 HP @ 120 Vac	1/3 HP @ 120 Vac
		1 HP @ 277 Vac
Pilot	B300	
CSA		
Resistive	10 A @ 277 Vac	

DESCRIPTION

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!



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!

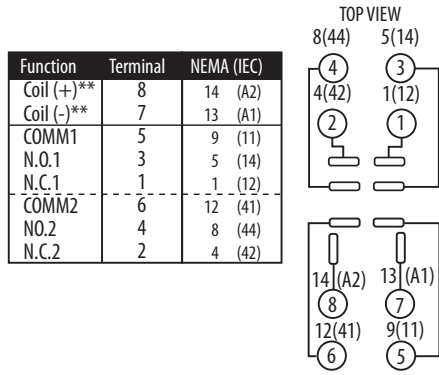
3 mA to 3 Amps
Dual (bifurcated) contacts for optimum wiping & contact performance.

100 mA to 10 Amps



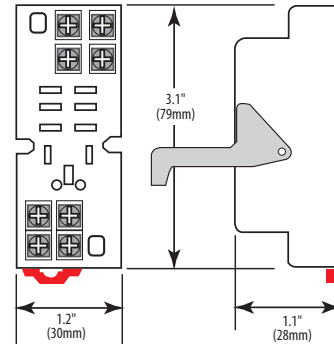
WIRING DIAGRAMS

VBD2B Sockets

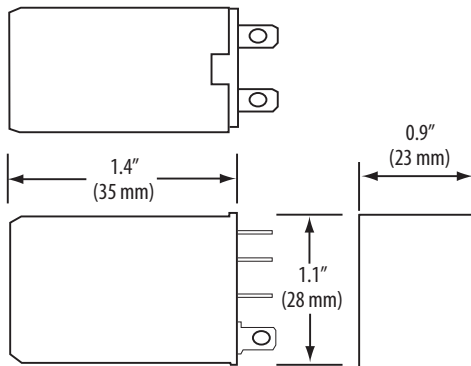


DIMENSIONAL DRAWINGS

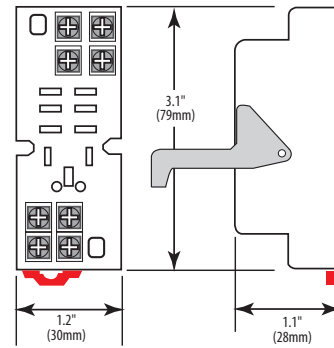
VBD2B-F Socket



VMD2B Relays



VBD2B-F Socket



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		●	●
VMD2B-24SVAC		3 A/10 A	24 Vac	3 mA@17 Vdc/100 mA@5 Vdc		●	●
VMD2B-120SVAC		3 A/10 A	120 Vac	3 mA@17 Vdc/100 mA@5 Vdc		●	●

*The CE mark indicates RoHS2 compliance. Note: These relays are UL Listed when used with 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)

