



BMR

BATTERY MONITOR RELAY

- High Reliability
- High Input Impedance
- LED Indication for Alarm Conditions
- Available for 24 V, 48 V, 125 V, and 250 V configurations

The Battery Monitor Relay contains over/under voltage sensors combined with positive and negative ground detection. The BMR is available with a single relay alarm for any out-of-tolerance condition or with separate relays for voltage and fault conditions. The time delay to alarm is adjustable between one and fifteen seconds.

The BMR-2 has separate relays for battery voltage and ground fault alarms. The LED Indicators on the front panel operate instantaneously upon detection of an alarm condition. The Output Relays of the BMR-2 are delayed. The time delay is adjustable for the Over/Under Voltage Relay while the time delay for the Ground Fault Detector is fixed at five seconds.

The Battery Monitor Relays are easily installed and quickly connected. Both the BMR and the BMR-2 are available in 24, 48, 125, and 250 V configurations.

ORDERING INFORMATION

Part Number	Type	Nominal Voltage
999C260	BMR	125 Vdc
999C261	BMR	48 Vdc
999C262	BMR	24 Vdc
999C263	BMR	250 Vdc
999C280	BMR-2	125 Vdc
999C281	BMR-2	48 Vdc
999C282	BMR-2	24 Vdc
999C283	BMR-2	250 Vdc

SPECIFICATIONS

Battery Voltage Ranges		90 - 155 V 38 - 56 V 20 - 28 V 190-310 V
Fault Resistance Limit Set Adjustment		2 to 75 K ohm
Output Contacts		1 Form C 1 Form B 1 Form B
	Voltage Detection	
	Ground Fault Detection <i>for BMR-2 only</i>	
Contact Rating		125 Vdc 0.2 A resistive
LED Indicators		Power Battery Overvoltage Battery Undervoltage Positive Ground Fault Negative Ground Fault Input SWC Filter
Noise Immunity		
Time Delay to Alarm		Adjustable 1 to 15 seconds
	BMR & BMR-2 UV/OV	Fixed - Approximately 5 seconds
	BMR-2 Ground Detect	
Settings		Single-turn Locking Potentiometers for UV, OV, Time Delay Internal Potentiometers for Ground Fault Detect and Voltage Midpoints.
Temperature Range	Operating	0° to 55° C
	Storage	-54° to 70° C
	Humidity	0 to 95% R.H. Non-condensing

DIMENSIONS

