



BUR/BVR

BATTERY VOLTAGE RELAYS

- High Reliability
- High Input Impedance
- Simple Installation
- Monitors 24 V, 48 V, 125 V, and 250 V batteries

Battery Voltage Relays supply alarm indications at precise voltages for undervoltage and overvoltage conditions. The BVR is designed to prevent damage and incorrect operation during anticipated transient conditions.

The Battery Voltage Relay features top mounted terminals for easy access to electrical connections. Also located on the top exterior are undervoltage and overvoltage test points and the trip setting pots with locking bushings. The relay can be securely mounted through four holes located on the base of the unit.

ORDERING INFORMATION

Part No.	Model	Nominal V	Type
999C125	BVR	125 V	Over and Under Voltage
999C127	BVR	48 V	Over and Under Voltage
999C128	BVR	24 V	Over and Under Voltage
999C130	BUR	125 V	Undervoltage Only
999C132	BUR	48 V	Undervoltage Only
999C133	BUR	24 V	Undervoltage Only
999C135	BUR	250 V	Undervoltage Only
999C140	BUR	125 V	Dual Set Point Undervoltage Only
999C141	BUR	48 V	Dual Set Point Undervoltage Only

999A832 DIN Rail Mounting Clip for standard 32-35 mm rail



SPECIFICATIONS

Setting Ranges 70 to 140% of nominal battery voltage
 Accuracy Setting ± 0.5 Volts over entire range of voltage and environments
 Outputs UV N.C. Contacts - dropout for undervoltage
 OV N.O. Contacts - close on overvoltage

Contact Rating

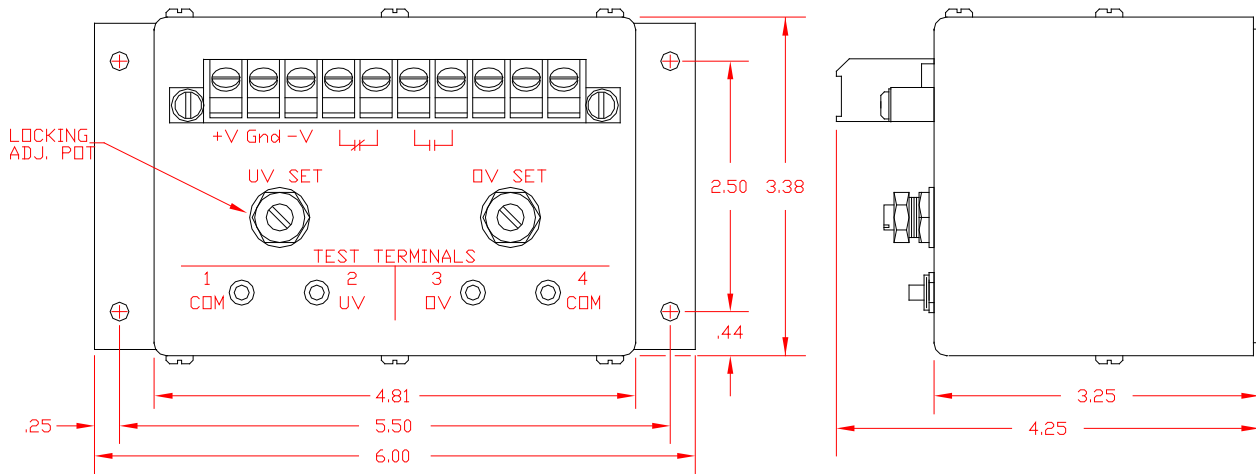
	Resistive	Inductive
125 Vac	5 A	2.5 A
30 Vdc	3 A	0.6 A

expected life-5 x 10⁵ operations at above ratings

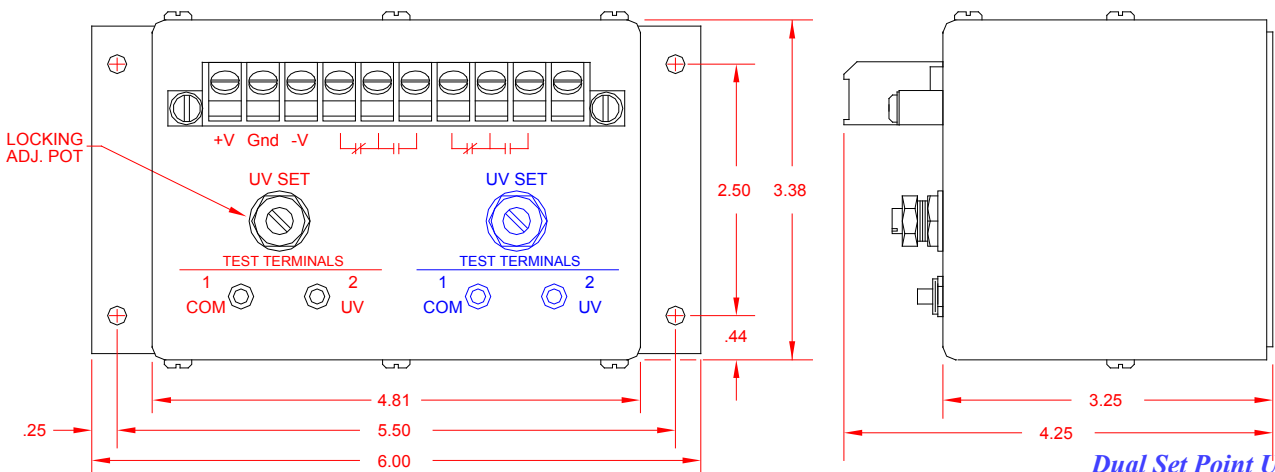
Operate Time 2 seconds minimum 5 seconds nominal
 Noise Immunity IEEE/ANSI Standard C 37.90a -1989 compliance
 Case Dimensions 6.0 x 3.375 x 4.06 inches
 Case Material Anodized Aluminum Weight 1.0 - 1.5 lbs
 Temperature Range Operating 0 - 55 C Storage -54 to 71 C

Setting Single turn Locking Potentiometer — Midpoints Setting by internal potentiometer
 Humidity 0 to 95% R.H. non-condensing
 Vibration 0 to 2.5 g., Up to 25 Hz

DIMENSIONS



Battery Voltage Relay P/N 999C125, 999C127, 999C128



Battery UnderVoltage Relay P/N 999C130, 999C132, 999C133, 999C135, 999C140, 999C141

Dual Set Point Units