



# RELIABLE AND NON-INTRUSIVE BATTERY ON DISCHARGE AUXILIARY ALARM SYSTEM.

The BOD is a simple, reliable and non-intrusive device used to provide an auxiliary “Battery on Discharge” alarm when telecoms’ standby battery systems are in a discharge mode. The BOD has been designed to provide a supplementary alarm if ever the DC power system controller was to fail at generating the strategic BOD alarm.

Specifically, the battery discharge is initiated when the utility power fails or when a user performs a manual or automated shutdown of charging systems (rectifiers) for a battery rundown test. Normally, the DC power system is configured to provide a BOD alarm. However, if the DC power plant controller fails or has not been programmed accordingly, the alarm will not be forwarded to the NOC (Network Operating Center). The end result: loss of service for end users.

**Multitel generates an auxiliary BOD alarm when a telecom stationary battery system is in discharge mode.**



The BOD solution is critical for situations in which the DC power system controller or telecom facility alarm RTU fails to generate an alarm.



## BENEFITS

48 VDC

DESIGNED FOR 48VDC APPLICATIONS



SIMPLE INSTALLATION



NON-INTRUSIVE DEVICE



FLEXIBLE MOUNTING POSSIBILITIES



EASY IDENTIFICATION

# WHY CHOOSE MULTITEL?

Multitel has over three decades of expertise and a long-standing, proven track record in providing robust, accurate and versatile solutions for North American telecom operators and utilities that need real-time visibility of their critical sites.

Our company is synonymous with unmatched customer service, market responsiveness, on-time delivery and a proximity with clients that is second to none. Throughout each project, we work *with* our clients to identify their unique needs and challenges, and offer pragmatic solutions attuned to *their* realities and goals. **Easy to do business with, Multitel delivers, time and again.**

**With Multitel, customer satisfaction comes standard.**

## SPECIFICATIONS

### GENERAL SPECIFICATIONS

Operating Voltage Range	10 to 65VDC (Reverse polarity protected)
Typical Power Consumption	0.3 Watt

### ENVIRONMENTAL

Operating temperature range (SI)	-40 °C to 65 °C
Operating temperature range (US)	-40 °F to 150 °F

### COMMUNICATIONS

Relay contacts ("BOD" Alarm)	1 x Form "C" relay
Contact rating Switching Voltage	1A 150VAC or 125VDC max
Front Panel LEDs	2 LEDs located on the front panel / "Power" led = Green / "BOD" led = Red
Periodic "TEST" ready	Limited access "Test" push button

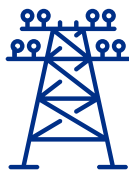
### MECHANICAL

Dimension Height x Depth x Width (SI)	31,5mm x 63,5 mm x 138 mm
Dimension Height x Depth x Width (US)	1.25 in x 2.5 in x 5.44 in
Weight (SI)	0.095kg
Weight (US)	0.21lb

## KEY MARKET SECTORS



TELECOMMUNICATIONS



POWER UTILITIES



RAILWAYS



CATV/BROADBAND

**Multitel**

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Always  
keep an eye  
on critical  
BOD issues.

Contact us today:  
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