

BOD

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

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Always
keep an eye
on critical
BOD issues.

Contact us today:
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