

OPEN-CIRCUIT & LOW-VOLTAGE DETECTION

The FCCP Box is an innovative and reliable system designed to facilitate open-circuit and low-voltage detection in DC power systems.

Engineered with user-friendliness and efficiency in mind, the FCCP Box provides a seamless solution for meeting NERC's TPL-001-5* regulation requirements, ensuring the uptime of back-up DC power systems in your substations without the need for additional space, extensive modifications or costly investments.

* Scenario P5, as per footnote 13C



Avoid high capital expenses (CAPEX).

The FCCP Box is designed for quick and easy installation, integrating smoothly into your existing infrastructure.

FEATURES & BENEFITS



LOW-VOLTAGE
DETECTION



OPEN-CIRCUIT
DETECTION



EASY
INSTALLATION



COST EFFECTIVE



MINIMAL
PLANNING &
DESIGN



NO IP ADDRESS
REQUIRED

SPECIFICATIONS & OPTIONS

GENERAL SPECIFICATIONS

Input Voltage Range	125 Vdc (67.2Vdc to 154Vdc)
Consumption	13.8 Watts Maximum
Operating Temperature	-10°C to 50°C (-14°F to 122°F)
Storage Temperature	20°C to 60°C (-4°F to 140°F)
Overall Dimension (HxWxD)	30.5cm (12in) x 25.4cm (10in) x 22.2cm (8.75in)
Weight	6.8kg (15lb)
Current Measurement Range	0 to 5.3A
Uncertainty	+/-0.5%
Voltage Measurement Range	0 to 154Vdc
Voltage Accuracy	+/-0.1%
Alarm Response Time	Low Current (30 minutes) Voltage (immediate)
Open Circuit/High Current Alarm Contact	Form C
Low Voltage Alarm Contact	Form A
Current Transducer Cable	10ft (50ft optional)
Analog Output	0-50mVdc or 4-20MA

OPTIONS

FEATURE	BASE MODEL	AVAILABLE OPTIONS
Voltage Display	√	
Float Current/Thermal Runaway Condition Monitoring (via an RTU or SCADA)	√	
Float Current Display	X	-One Current Transducer -Two Current Transducers
Analog Outputs	0-50mVdc	4-20mA
Current Transducer Cable Length	10 feet	50 feet
Quantity of Current Transducers	1	2

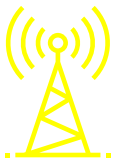
WHY CHOOSE Multitel?

Multitel has over four 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.

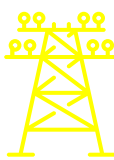
Our company is synonymous with unmatched customer service, market responsiveness, on-time delivery and a proximity with clients that is second to none. Throughout each project, we work with our clients to identify their unique needs and challenges, and offer pragmatic solutions attuned to their realities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

With Multitel, customer satisfaction comes standard.

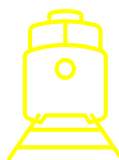
KEY MARKET SECTORS



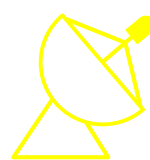
TELECOMMUNICATIONS



POWER UTILITIES



RAILWAYS



CATV/BROADBAND

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Benefit from a robust system that delivers consistent and accurate monitoring.

Contact us today:
multitel.com