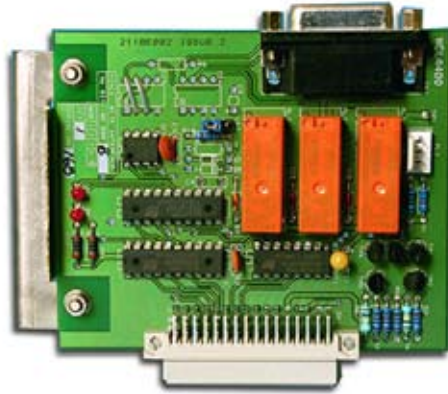


BITE Interface Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The Built-In Test Equipment (BITE) Interface Module provides output of alarm and status information, enabling self-test and diagnostic capability in the Timing System.



Features

- Serial interface for communication of the status information to external systems
- Provides a message to the user to indicate any errors identified in the hardware or software.
- Provides 3 voltage free changeover relay contacts for the indication of alarm conditions.

BITE Interface Module Specifications

Module Connections

Serial Interface

Provides messages to the user indicating the failures that have been identified in the timing system via a 15-way D type connector.

Voltage Free Changeover Alarms

3 x Voltage free changeover alarms are available to the user.:

Alarm 1 relay is used to indicate AC Power Fail.

Alarms 2 & 3 are dependent on the configuration of the module. They can be either:

- configured to indicate DC Power Fail, and a global alarm indicating that a BITE error has occurred, or alternatively
- user defined using the front panel keyboard and display of the timing system.

The alarm outputs are also provided via the 15 way D type connector.

Environment (Operation & Storage)

Temperature : 0°C to +40°C

Humidity : Up to 95% RH (non-condensing)

EMC : CE Compliant

Ordering Information

Please quote part number when ordering: 0210BE000X

As we are always seeking to improve our products, the information in this document only provides general indications of product capability, suitability and performance, none of which shall form any part of any contract.

V. 1.0

TIME & FREQUENCY SOLUTIONS LTD

25 Eastways, Witham, Essex, CM8 3AL UK | Tel: +44 (0) 1376 514114 | Fax: +44 (0) 1376 516116

E-mail: sales@timefreq.com | Web: www.timefreq.com