

Octal Serial Interface Model with Precision Time Input

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The Octal Serial Interface Module with Precision Time Input provides a versatile solution to the requirement for multiple serial data outputs, in applications where a serial data input message is used for accurate time synchronisation.



Features

- 7 fully independent serial output channels for time data and status
- Each can be configured to provide either an RS232 or RS422 interface via a 62 way density and a half socket.
- Additional independent serial input specifically configured for the receipt of accurate time synchronisation messages.

Key Benefits

The module provides 7 fully independent serial outputs together with a single independent serial input that has been specifically configured for the receipt of accurate time synchronisation messages.

As such, this module offers a very high level of functionality within a single option slot of the chassis.

The Octal Serial (with Precision Time Input) Module provides 7 output channels for time data and status, each of which can be configured to provide an RS232 or RS422 Interface.

These outputs are provided via a 62-way density and a half socket. The single serial input can also be configured for RS232 or RS422 standard and it is also provided via the 62-way density and a half socket

Octal Serial Interface Module Specifications

Module Connections

The 7 Serial Outputs and 1 Serial Input are provided via a 62-way density and a half socket. Interface Cables (either DCE or DTE) are available for connection to this socket and these cables provide 25-way D type Sockets or Plugs.

Interface Standards

Each Serial Interface is factory selected to be either EIA RS232 or RS422 standard. This should be specified at time of ordering.

Ordering Information

Please quote part number when ordering: 0210KD000F

Interface Protocols

A range of standard protocols are available for selection via the front panel keyboard of the Timing System. Each output can be independently configured for protocol and communication attributes (e.g. band rate). The configuration is stored in non-volatile memory. For details of the available protocols, consult the Sales Office.

Environment (Operation & Storage)

Temperature : 0°C to +40°C

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

EMC : CE Compliant