

# Relay Module

For use with Time & Frequency Solutions' M210 and M211 Modular Timing Systems. The Relay Module provides 16 programmable changeover relay contacts whose action can be individually programmed for both 'ON' and 'OFF' times.



## Features

- 16 individually programmable changeover relay contacts
- Programme ON and OFF times
- Alarm facility - in event of loss of power or failure in main equipment, the alarm condition is indicated by a relay changeover

## Applications

- Sounding of audible alarms at pre-determined times,
- Opening and closing of security systems, safes, doors, gates, locks
- Switching equipment ON and OFF at regular periods for equipment soak purposes.

## Relay Module Specifications

### Module Connections

The relay changeover contacts and alarm changeover contacts are provided by a 62 way D type "density and a half" socket. Interface cabling for this connector type is available upon request.

### Relay Specification

16 relays are provided by the module. Each relay contact is rated as follows: 1A @ 30V DC ; 0.5A @ 125V AC

### Alarm Relay

A changeover alarm relay is provided which indicates power fail, or system fail. The relay specification is defined above.

### Relay ON/OFF Programming

The ON/OFF times of each relay are programmed using the front panel keyboard of the Time System. Only one ON and OFF time per relay is allowed. All programming is stored in non-volatile memory.

### 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: 0210BL000B

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