

EMACSYS ETHERNET MODULE

User Manual

Introduction

The Ethernet Module is designed to work with the EMACSYS Control Module. It provides network connectivity to the EMACSYS system. The module has a 128K byte EEPROM on board which stores the MAC address and appware dependant data such as web pages.

Power Requirements

The Ethernet Module takes its power from the EMACSYS Control Module and as such no external power is required.

Current consumption is approximately 140mA.

LED Operation

The module has two LEDs mounted on the RJ45 Ethernet connector. While not connected to the network both LEDs are off. When connected the green LED indicates that the connection is made and will flash off when packets are transmitted.

The yellow LED will flash on when packets are received.

Connecting Peripherals

The Ethernet Module is provided with a connection lead and this should be connected to the correct port on the EMACSYS Control Module. Check carefully that the correct port is selected before powering the Control Module.

NOTE: Peripherals should not be connected with the power applied as this may cause damage to either the peripheral or the Control Module itself.

**Phaedrus Limited
The Boiler House
5 Marsh House Mill
Brussels Road
Darwen
BB3 3JJ
U.K.**

**Tel / Fax +44 (0)1254 772622
e-mail tech@emacsys.com**

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