

Features

- 6 Digit LED Display for numeric data
- Displays ASCII data via RS232 or RS485
- Supporting single or multidrop devices
- Sealed to IP65
- 3 year Warranty



Introduction

The SERIALDIS is a 6 digit LED display module which displays ASCII data sent to it via an RS232 or RS485 serial connection. The device has addressing support so multiple devices can be driven whilst residing on a serial bus.

Requirements

The module requires a serial input, either RS232 or RS485, which supplies the data to display followed by a carriage return. The baudrate is selectable from 9600 to 115200 but is fixed at 8 data bits, 1 stop bit and no parity. The 7 segment display only effectively displays numeric data, as alphanumeric display is limited by the restraints of the 7 segment display.

Configuration

Configuration is by DIP switches where the baudrate and address can be set.

Operation

The display accepts ASCII data and on receipt of a carriage return character (decimal 13, hexadecimal 0D) the data will be displayed.

Specifications

Supply Voltage	Nominal 8 to 18V
Current Consumption (no modules connected)	Nominal 200mA max
Communications	RS485 and RS485, 8 data bits, 1 stop bit, no parity
Powering	8 minimum 15V maximum DC
Display	6 digital LED display, 4 configurable buttons and indicator LED's
Minimum Value	0.00001
Maximum Display Value	199999.

Product Order Codes

SERIALDIS Serial ASCII Display Module

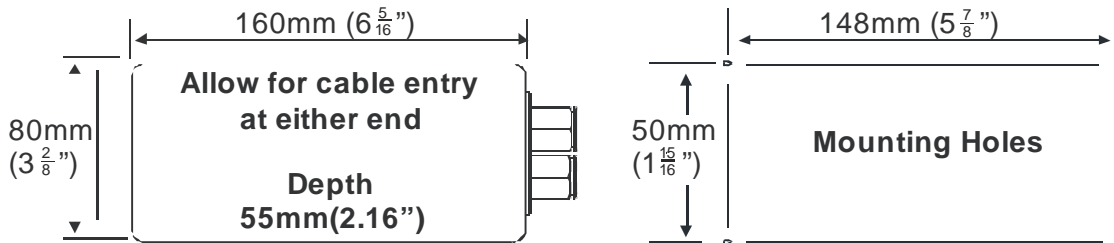
Support Modules

T24-SO	T24 Serial Output
DLCHASC	DCell High Stability ASCII protocol
DLCSASC	DCell Industrial Stability ASCII protocol
DSCH2ASC	Digital Strain Card High Stability RS232 ASCII protocol
DSCH4ASC	Digital Strain Card High Stability RS485 ASCII protocol
DSCS2ASC	Digital Strain Card Industrial Stability RS232 ASCII protocol
DSCS4ASC	Digital Strain Card Industrial Stability RS485 ASCII protocol

Physical

Case dimensions	160 x 80 x 55mm
Case materials	Light grey ABS with IP65 cable glands
Terminals	2.5mm, saddle field terminals. Additional 9-way D-type socket for RS232
Accessibility	All electronics accessible by removing lid

Mechanical Dimensions



CE & Environmental

Storage temperature	- 20 to +70°C
Operating temperature	-10 to 50°C
Relative humidity	95% maximum non condensing

Complies with EMC Directive 2004/108/EC



Designed, Manufactured
& Supported in the UK



C In the interests of continued product development, Mantracourt Electronics Limited reserves the right to alter product specifications without prior notice