

# COMMUNICATION CONCENTRATOR MODULE CC500

## General and Electrical Supply:

Operating voltage: 24V dc (18V dc to 36V dc) or 48V dc (38V dc to 72V dc) or 220V ac (85V ac to 265V ac) 50/60Hz. (Specify with order).  
 Power consumption: 25W (nominal) 55W (maximum).  
 EMC conforms to EN55022 Class B.  
 Operating temperature: 0°C to 60°C (storage minus 20°C to plus 80°C).  
 Operating humidity: 5% rh to 90% rh non condensing.  
 Enclosure: 19 inch 1U rack mount (option: 23 inch or 30 inch 1U rack mount or wall mount).  
 Dimensions: 255 mm deep x 1U R 19 inch standard (option 23 inch or 30 inch).  
 Weight: 1.7 Kg.

## Hardware (standard arrangement):

32 bit microprocessor.  
 31 Analogue inputs (2 x -40/-60V; 2 x -20/-30V; 3 x 0-0.5V and 24 x ±10V DC).  
 64 Digital inputs (potential free n/o or n/c contacts [5V dc sense voltage]).  
 16 Digital outputs (All Boolean logic configurable; 12 x NO/NC and 4 x FET).  
 12 Serial communication ports.  
 Com 1 – EIA RS232 - front access.  
 Com 2 - 9 – EIA RS232 – rear access.  
 Com 10 + 11 – EIA RS232/EIA RS485 configurable - rear access.  
 Com 12 – Optional modem – rear access.  
 LAN 1 – 10 base T Ethernet.  
 LCD backlit display and function buttons.  
 8 LED programmable tricolour alarm indicators.  
 Power on LED.  
 Fuse protection.

## Software (Standard software includes):

Real - time operating kernel (VX works).  
 Intelligent built-in algorithms.  
 Management centre selection according to time or via programmable polling.  
 Remote code upload facility via dual flash memory devices.  
 Multi level security access.  
 Programmable alarm thresholds.  
 Event history log.  
 Connection to proprietary VSys management platform or to bespoke software.

## Connections and Connectivity:

All analogue and digital input and output via industry standard D connectors.  
 Com 1: 9 pin D connector.  
 Com 2 - 11: RJ45 connector.  
 Com 12 + LAN 1: RJ11 connector.  
 PSTN via RJ11 connector, ISDN and Ethernet via RJ45 connectors, GSM via SMA female antenna connection.  
 Consult factory for details and connection arrangements.

*Note: Consult factory for module specification and optional wall mounting format.*

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## WORLD WIDE PARTNER NETWORK

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