

# VIRTUAL ENGINEER MODULE VE5000 - 4

## General and Electrical Supply:

Operating voltage: 24Vdc (18Vdc to 36Vdc) or 48Vdc (38Vdc to 72Vdc) or 220Vac (85Vac to 265Vac) 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.  
Standard enclosure: 19 inch 1U rack mount.  
Dimensions: 19 inch 1UR x 255 mm deep.  
Weight: 1.7 Kg.

## Hardware (standard arrangement):

32 bit microprocessor.  
31 Analogue inputs (4 x -40/60Vdc, 24 x +/- 10Vdc, 3 x 0 – 0.5Vdc).  
64 Digital inputs (5V dc sense voltage for potential free n/o or n/c contacts).  
16 Digital outputs (Boolean logic configurable)[12 configurable n/o or n/c: 4 FET].  
3 Serial communication ports.  
Com 1 – EIA RS232 - front access.  
Com 2 & 3 – EIA RS232/EIA RS485 configurable – rear access.  
Optional PSTN, ISDN, GSM and Ethernet modules.  
LCD backlit display and function buttons.  
8 LED programmable tricolour alarm indicators with audio alarm.  
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.  
Optional auto communication path switching in event of failure.

## Connections and Connectivity:

All analogue and digital input and output via industry standard D connectors. Consult factory for alternative connection arrangements.  
Com 1: 9 pin D connector.  
Com 2 & 3: RJ45 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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