

# VN2300DM VistaNET Router

## Ethernet Network

### Application

#### Usage

The VistaNET Router provides an interconnection between Ethernet and RS485 VistaNET networks. Additionally, the Router provides a simple interface between VistaNET field cabling and Ethernet 10/100 Mbps, allowing simple connectivity to your plant or process network(s).

#### Description

The VN2300DM VistaNET router is a special applications network router capable of allowing data packets to be passed between VistaNET and a standard Ethernet network. Additionally, this router has the capability to be configured to output MODBUS RTU over an integrated RS-232 port and MODBUS TCP.

#### Physical

Environmental (enclosure):	The device is only suitable for use in clean dry areas.	
Ambient temperature range:	0° C to +70° C (32° F to +158° F)	
Dimensions:	13.4 cm W x 18.3 cm D x 5.3 cm H (5.3 in. W x 7.2 in. D x 2.1 in. H)	
Mounting (3 options):	(1) Desktop – standard rubber feet (2) DIN rail – two standard DIN rails included (3) Wall mount – optional wall mounting bracket	
EMI/RFI considerations:	Conform to class A industrial environment with Canadian ICES-003 and FCC Part 15	
Electrical entries:	Front:	Power, VistaNET, Ground
	Back:	Ethernet, RS-232



#### Safety area classification



Class 1, division 2, groups B, C, D; T4  
Class 1, zone 2 group IIB+H2; T4



LVD 73/23/EEC (GP – only)  
EMC 89/336/EEC  
ATEX Directive 94/9/EC for zone 2 area; Ex 113G EEx nL IIB+H2 T4

#### Power

Voltage: 10V to 30V DC input power, 1.0A

# VistaNET Router

## I/O ports

VistaNET:	High and Low speed configurable
Communication:	VistaNET UDP over VistaNET media
Ethernet:	Integrated 5-port 10/100 Mbps Ethernet Switch, with Auto-uplink detection
Communication:	TCP/IP UDP over Ethernet media
MODBUS (option):	Integrated RS-232 serial connection port
Communication:	MODBUS RTU protocol over RS-232 to a MODBUS Master device
Communication:	MODBUS TCP over Ethernet to a MODBUS Master device

## Additional features

Status indication:	LED's providing status and activity
Monitoring:	Local and Remote monitoring and management via HTTP, FTP, Telnet, SNMP, Serial
Options:	Additional protocol converters available at customer request.

For more information please contact:

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#### Note

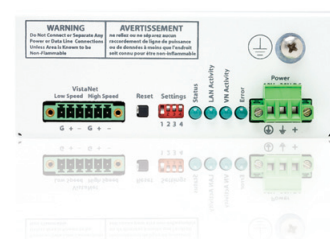
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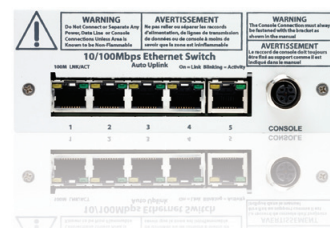
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