

Network Processor Module



The Ethernet Processor Module is an ultra compact DIN rail mounted unit with connections for an Ethernet gateway, an M-BUS network and an RS-232 port.

Using Ethernet you can connect separate M-BUS networks together via a dedicated TCP/IP backbone or the shared building IT network.

RS-232 and Ethernet facilitate integration with AV and building control systems.

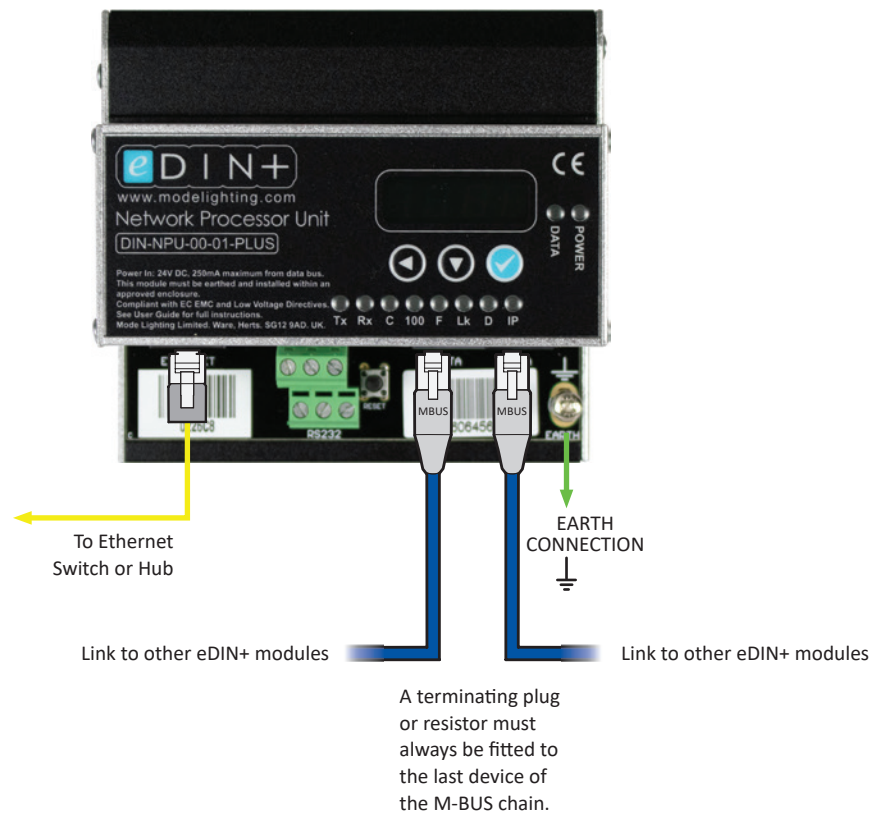
Web based programming and app control are available when connected to a network.

Key Features

- » One Ethernet Processor Module per M-BUS network.
- » Backbone communication utilising a dedicated TCP/IP network or shared Ethernet.
- » RS-232 and Ethernet/network connectivity.
- » Integral astronomical time clock providing location based dusk to dawn settings.
- » Non-volatile flash memory.
- » The modules provide a flexible solution for bespoke panel design to suit any application and installation constraints.
- » Compact 6M width DIN rail mounting module.
- » 2 year warranty.



System Architecture



Technical Data

Power	
Power Supply	» +24V (from M-BUS)
Connections & Cable Specifications	
Control Input	» M-BUS
M-BUS Current Consumption	» 50mA
Ethernet (1qty)	» Ethernet TCP/IP (10/100Mbps) » Inbuilt web server
RS-232 (1qty)	» Bidirectional with RIS/LTS » Maximum cable length 15m (@9600 baud) » RS-422 integration possible using readily available RS-232/422 adaptors
Mechanical	
Material	» Extruded aluminium case
Standards	» EN55015, EN61547, EN61000-3-2, EN61000-3-3, EN60669-2-1
Dimensions	» 100mm High x 104mm Wide x 64mm Deep
Weight	» 0.35kgs
Module Size for DIN Enclosure	» 6 Module (6M)

Note
For additional technical information refer to Installation Guide DIN-NPU-00-01-PLUS.

Installation should be in accordance with the relevant National Wiring Regulations and other applicable Regulations. Compliance to EC EMC and Low Voltage Directives may be invalidated if not used or installed according to the published specification. DIN-NPU-00-01-PLUS should be located in well ventilated areas and should not be covered or enclosed by insulating materials. Mode reserve the right to amend the product specification or design at any time and without notice.



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