

Network Processor Control 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.

You can connect up to 512 controllers and devices through a single M-BUS power and data connection whilst retaining individual control.

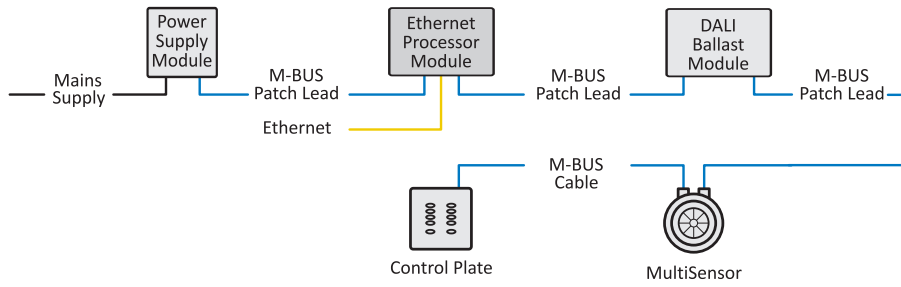
RS-232 and Ethernet facilitate integration with other building control systems.

Key Features

- » One Ethernet Processor Module per M-BUS network
- » Infinite number of M-BUS networks managed by separate Ethernet Processor Modules
- » Backbone communication utilising a dedicated TCP/IP network or shared Ethernet
- » RS-232 and Ethernet interface with other building control systems
- » M-BUS to a range of field based Control Devices such as MultiSensors, Switch Input Units, LCD and Multi-button Control Plates, Blind Controllers and RS-232 Audio Visual Interface
- » Installer pre-commissioning testing via the on-board display and keypad
- » Integral Astronomical Real 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
- » 2 year warranty



System Architecture



Technical Data

Power		
Power In		<ul style="list-style-type: none"> » 24V DC from M-BUS » 50mA draw from M-BUS
Connections & Cable Specifications		
Ethernet	(1 qty)	<ul style="list-style-type: none"> » Ethernet TCP/IP (10/100Mbps) » Inbuilt Web server
M-BUS	(1qty)	<ul style="list-style-type: none"> » 24V DC for M-BUS devices » Fast, flexible installation using M-BUS Patch Leads » Safety Extra Low Voltage (SELV)
RS-232	(1qty)	<ul style="list-style-type: none"> » Bidirectional with RIS/LTS » Maximum cable length 15m (@9600 baud)
Mechanical & Standards		
Material		» Extruded aluminium case
Dimension		» 104mm Wide x 100mm High x 64mm Deep
Weight		» 0.35Kg
Module size for DIN enclosure		» 6 Module (6M)

Note

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

