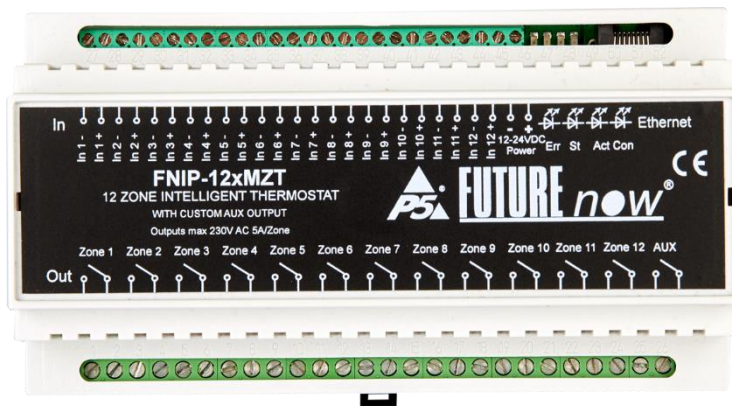


FutureNow FNIP-12xMZT

12 Channel Multi-Zone Thermostat



FutureNow 12-channel Multi-Zone Thermostat FNIP-12xMZT

The FNIP-12xMZT is a 12 in 1 multi-zone thermostat and can be considered as 12 separate programmable thermostats in one DIN Rail enclosure.

- 12 x NO relay outputs to control valves
- 12 inputs for analog temperature sensors
- Heating and cooling modes. Scheduled heating/cooling programs
- Custom programmable extra relay output ideal for boiler control
- Standalone operation. Setpoint and schedule stored, decision made within the module
- Inputs support most analog temperature sensor types
- Built-in web server for configuration, control and monitoring
- TCP communication protocol (API) with simple ASCII commands
- Automatic event reporting of input and output status changes
- Firmware upgrade via LAN

Specification

Power Requirements		
Main circuitry	10.8 – 36 VDC max. 280mA @ 12V max. 150mA @ 24V	
Inputs		
Type	12 x analog temp sensors (PT100-1000, NI1000-10000, PTC 1K-47K, NTC 1K-47K, KTY)	
Outputs		
Type	13 x SPST NO, dry contacts	
Load	max. 5A@250 VAC or 30 VDC for resistive (cos(fi)=1) loads max. 2A@250 VAC or 30 VDC for inductive (cos(fi)=0.4) loads	
Communication		
Control	TCP (simple ASCII TCP command) Built-in web server	
Operation modes	Heating, Cooling, Auto, Independent	
Interoperability	Drivers available for most systems	
Connectors		
Input Terminals	1.5mm ² screw terminals	
Output Terminals	2.5mm ² screw terminals	
LAN (10Mb/s)	RJ45 Ethernet Connector	
Environmental		
Operating Temperature	0 °C – 40 °C (32 °F – 104 °F)	
Storage Temperature	-20 °C – 60 °C (-4 °F – 140 °F)	
Humidity	Up to 93% (Non condensing)	
Physical		
Dimensions (H x W x D)	157 mm x 86 mm x 57 mm (9 DIN unit width)	
Weight	0.28Kg	
Installation	Standard DIN Rail Mount	
Approvals	Package Content	Warranty
CE	FNIP-12xMZT	2 years