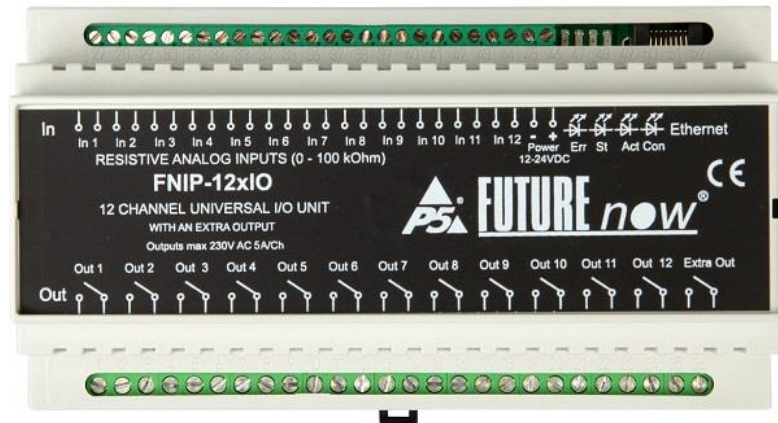


# FutureNow FNIP-12xIO

12+1 Channel Relay Module with Analog Inputs



## Main features

- 13 potential-free relay outputs
  - 12 analog inputs
  - Remote control over LAN
  - Local control inputs
  - Scenes stored in the module
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- DIN rail or Surface (with additional mounting flaps) Mount
  - 13 x max 230V AC/ 5A NO relay outputs
  - 12 resistive analog inputs
  - Built-in web server for configuration, control and monitoring
  - TCP communication protocol (API) with simple ASCII commands
  - Drivers/Software modules/Profiles for third party systems
  - Multiple users with different user rights
  - Automatic event reporting of input and output status changes
  - Firmware upgrade via LAN
  - Scenes stored in the modules can be activated from any input on any module on the network.

## Specifications

Power Requirement		
Main Power	12 – 24 VDC (10.8V - 36V DC), max 280 mA @ 12V, 150 mA @ 24V	
NC Relay Outputs		
Load	13 x max. 5A @ 230V AC	
Inputs		
Type	12 x resistive analog (0-100 kOhm) Non-protected Response time < 500 msec	
Communication		
Control	TCP (simple ASCII TCP commands) Build-in web server (HTTP) Local inputs for momentary switches	
Interoperability	Drivers available for most systems	
Connectors		
Input terminals	1.5mm <sup>2</sup> screw terminals	
Output terminals	2.5mm <sup>2</sup> screw terminals	
Ethernet	RJ45 Ethernet Connector	
Environmental		
Operating Temperature	0 °C – 40 °C (32 °F – 04 °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	0.28 kg	
Installation	Standard DIN Rail Mount and Surface (with additional flaps) Mount	
Approvals	Package Content	Warranty
CE	FNIP-12xIO	2 years