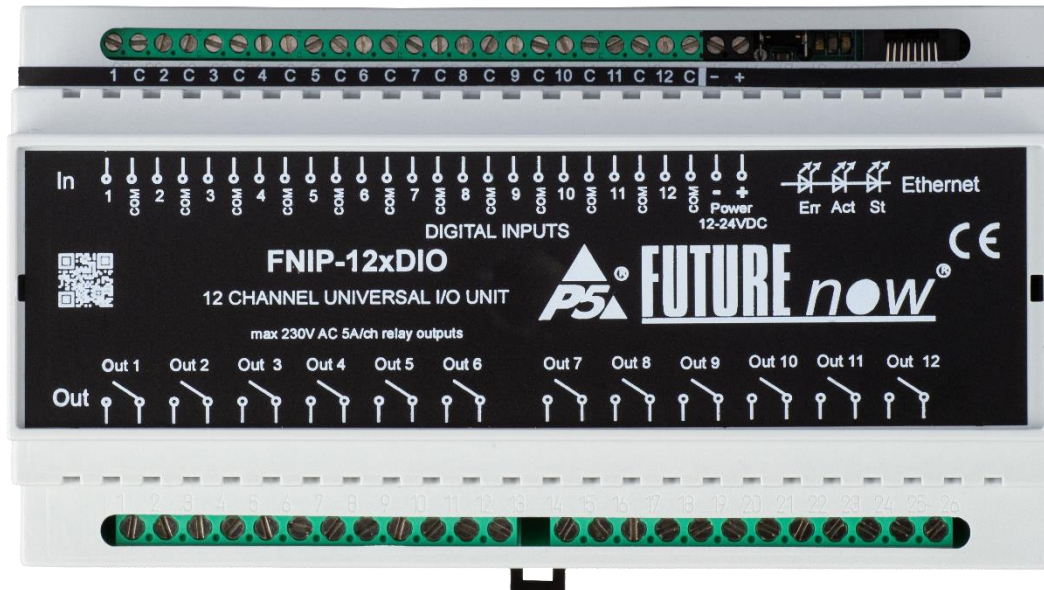


# FutureNow FNIP-12xDIO

12 Channel Relay Module with Local Inputs



## Main features

- 12 potential-free relay outputs
  - 12 digital inputs for local control
  - Remote control over LAN
  - Scenes stored in the module
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- DIN rail or Surface (with additional mounting flaps) Mount
  - 12 x max 230V AC 5A NO relay outputs
  - 12 multi-purpose digital inputs for manual operation and contact sensors
  - 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

<b>Power Requirement</b>		
Main Power	12 – 24 VDC (10.8V - 36V DC), max 280 mA @ 12V, 150 mA @ 24V	
<b>NO Relay Outputs</b>		
Load	12 x max. 5A @ 230V AC	
<b>Inputs</b>		
Type	12 x digital inputs with common GND, noise protected	
<b>Communication</b>		
Control	TCP (simple ASCII TCP commands) Build-in web server (HTTP) Local inputs (dry contacts) for momentary switches	
Interoperability	Drivers available for most systems	
<b>Connectors</b>		
Input terminals	1.5mm <sup>2</sup> screw terminals	
Output terminals	2.5mm <sup>2</sup> screw terminals	
Ethernet	RJ45 Ethernet Connector	
<b>Environmental</b>		
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)	
<b>Physical</b>		
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	
<b>Approvals</b>	<b>Package Content</b>	<b>Warranty</b>
CE	FNIP-12xDIO	2 years