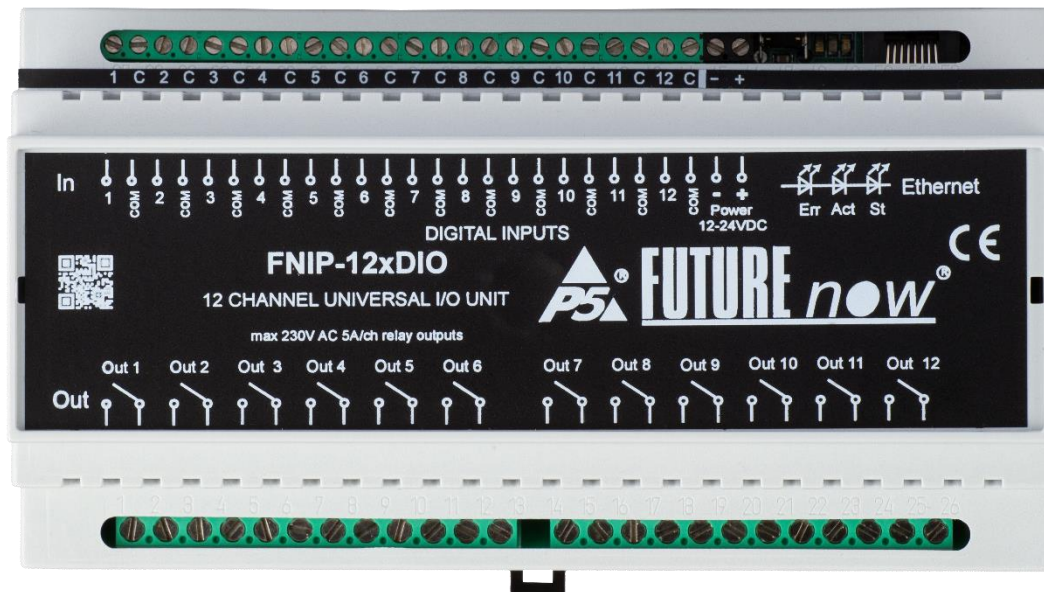


FutureNow FNIP-12xDIO

12 Channel Relay Module with Local Inputs



Main features

- 12 potential-free relay outputs
- 12 digital inputs for local control
- Scenes stored in the module
- 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

Power Requirement		
Main Power	12 – 24 VDC (10.8V - 36V DC), max 280 mA @ 12V, 150 mA @ 24V	
NO Relay Outputs		
Load	12 x max. 5A @ 230V AC	
Inputs		
Type	12 x digital inputs with common GND, noise protected	
Communication		
Control	TCP (simple ASCII TCP commands) Build-in web server (HTTP) Local inputs (dry contacts) for momentary switches	
Interoperability	Drivers available for most systems	
Connectors		
Input terminals	1.5mm ² screw terminals	
Output terminals	2.5mm ² screw terminals	
Ethernet	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	0.28 kg	
Installation	Standard DIN Rail Mount and Surface (with additional flaps) Mount	
Approvals	Package Content	Warranty
CE	FNIP-12xDIO	2 years