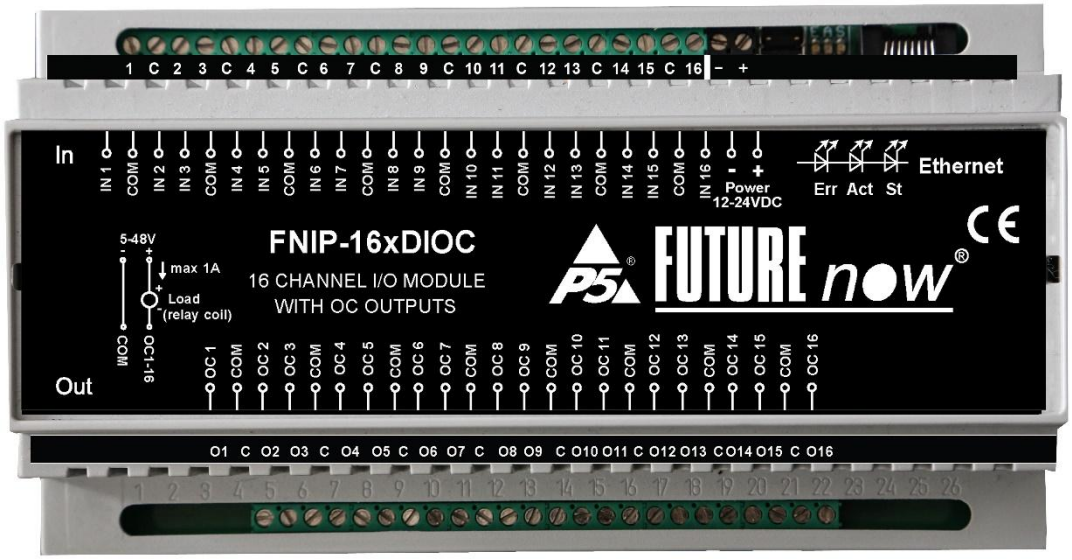
FutureNow FNIP-16xDIOC

16 Channel I/O Module with Digital Inputs and Open Collector Outputs



FutureNow FNIP-16xDIOC

The FNIP-16xDIOC is an I/O module with 16 Digital Inputs and 16 Open Collector Outputs. It is ideal for driving external heavy-duty relays with coil 5-48V/max 1A.

- DIN rail or Surface (with additional mounting flaps) Mount
- 16 x Open Collector Outputs
- 16 Digital 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 60 mA @ 12V, 40 mA @ 24V
Outputs	
Load	16 x Open Collector outputs, 5-48V, max 1A
Inputs	
Type	16 x digital inputs with common GND, noise protected
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	1.5mm² screw terminals
Output terminals	1.5mm² screw terminals
LAN (10Mbps)	RJ45 Ethernet Connector
Environmental	
Operating Temperature	0 ^{0}C – 40 ^{0}C (32 ^{0}F – 104 ^{0}F)
Storage Temperature	-20 ^{0}C – 60 ^{0}C (-4 ^{0}F – 140 ^{0}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	0.2 kg
Installation	Standard DIN Rail Mount and Surface (with additional flaps) Mount

Approvals	Package Content	Warranty
CE	FNIP-16xDIOC	2 years