

FutureNow

8-Channel Relay 16A



FutureNow 8-channel Relay FNIP-8x16A

The FNIP-8x16A is an 8 channel relay module used for switching any type of load or circuit either via its local inputs, custom TCP protocol or its built-in web server.

- All-purpose heavy-duty relay outputs for switching any type of load
- 8 x 230V/16A SPDT (NO & NC) dry contact outputs
- 8 optically isolated multi-purpose digital inputs for contact sensors and manual operation
- Built-in web server for configuration, control and monitoring
- TCP communication protocol (API) with simple ASCII commands
- Free mobile apps
- 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
- Modules can send out custom TCP/IP commands to control A/V or other equipment

Specification

Power Requirements		
Main Circuitry	10.8 – 36 VDC max. 340mA @ 12V max. 170mA @ 24V	
Inputs	9 – 36 VDC max. 20mA @ 12V max. 45mA @ 24V	
Outputs		
Type	8 x SPDT NO, NC, dry contacts	
Load	max. 16A@250VAC or 24VDC for resistive (cos(fi)=1) loads max. 8A@250VAC or 24VDC for inductive (cos(fi)=0.4) loads	
Inputs		
Type	8 x optically isolated, noise protected, common GND digital inputs	
Communication		
Control	TCP (simple ASCII TCP commands) Build-in web server Local inputs (dry contacts, momentary switches)	
Input modes	Toggle, monostable, input follow, independent	
iOS/Android app	P5 iOS/Android apps	
Interoperability	Drivers available for most systems	
Connectors		
Terminals	2.5mm ² screw terminals for both inputs and outputs	
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%	
Physical		
Dimensions (H x W x D)	157 mm x 86 mm x 57 mm (9 DIN unit width)	
Weight	0.38Kg	
Installation	Standard DIN Rail Mount	
Approvals	Package Content	Warranty
CE	FNIP-8x16A Quick Installation Guide	2 years