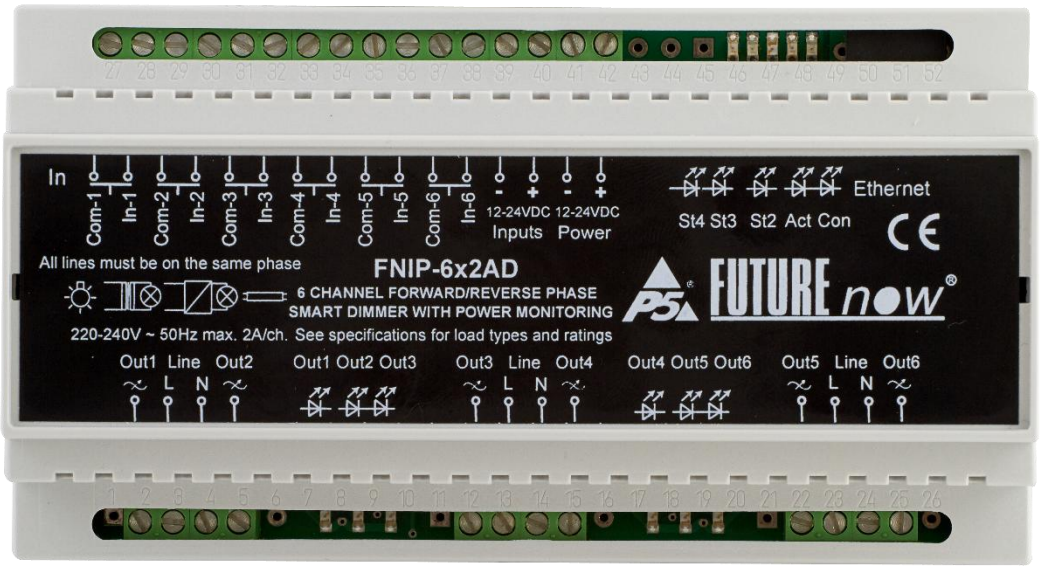
FutureNow FNIP-6x2AD

6-Channel Dimmer



FutureNow 6-channel Dimmer FNIP-6x2AD

The FNIP-6x2AD is a 6 channel dimmer module used for switching and dimming up to six lighting loads either via local inputs, custom TCP protocol or its built-in web server.

- Both trailing and leading edge dimming (dimming of resistive, capacitive and inductive loads). Automatic load type detection
- 6 optically isolated multi-purpose digital inputs for contact sensors and manual operation
- Overload protection
- Adjustable minimum and maximum dim levels and ramp rate
- Built-in web server for configuration, control and monitoring
- TCP communication protocol (API) with simple ASCII commands
- 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

Specification

Power Requirements	
Main Circuitry	9 – 36 VDC max. 80mA @ 12V | max. 50mA @ 24V
Inputs	9 – 36 VDC max. 15mA @ 12V | max. 30mA @ 24V
Line	220 - 240V AC +/-10%, 50/60Hz max. 15mA@230V AC
Line feeds	1
Outputs	
Load (at 25^{0}C)	Incandescent, 230V halogens: max. 500W Fluorescents & electronic low voltage transformers: max. 500W Compact fluorescents: max. 400W LEDs: max. 200W All channels combined: max 3000W
Inputs	
Type	6 x optically isolated, noise protected, common GND digital inputs
Communication	
Control	TCP (simple ASCII TCP commands) Build-in webserver Local inputs (dry contacts, momentary switches)
Input modes	Toggle, monostable, input follow, independent
Interoperability	Drivers available for most systems
Connectors	
Terminals	2.5mm² screw terminals for both inputs and outputs
Ethernet	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%
Physical	
Dimensions (H x W x D)	157 mm x 86 mm x 57 mm (9 DIN unit width)
Weight	0.48Kg
Installation	Standard DIN Rail Mount

Approvals	Package Content	Warranty
CE	FNIP-6x2AD	2 years