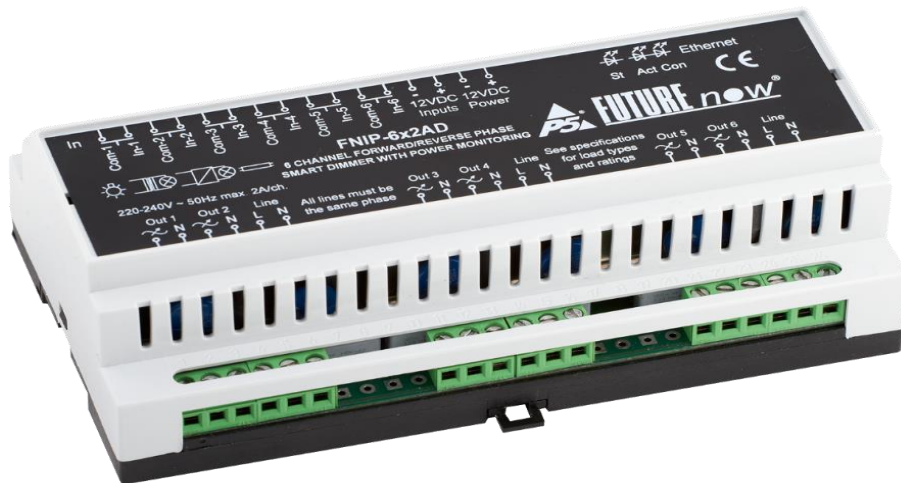


# FutureNow

## 6-Channel Dimmer



### FutureNow 6-channel Dimmer FNIP-6x2AD

The FN485-6x2AD 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
- 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

## 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°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	
iOS/Android app	P5 iOS/Android apps	
Interoperability	Drivers available for most systems	
Connectors		
Terminals	2.5mm <sup>22</sup> 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	0.48Kg	
Installation	Standard DIN Rail Mount	
Approvals	Package Content	Warranty
CE	FNIP-6x2AD Quick Installation Guide	2 years