

NDP12

NDPseries

Dimmer Pack

The digital dimmer pack NDP12 is designed to fulfil all the top requirements of the most demanding lighting applications e.g. **theatres**, live concerts and also permanent installations. The unit was especially created for users requiring maximum flexibility, top class features and superb network connections.

The NDP12xx is controlled by a high speed processor with 16-bit resolution D/A converter. This technology guarantees trouble-free operation and high proof against the influence of negative surroundings with top class rise-time of 400µs.

Power supply

AC3x230/ 400V / 50Hz, 3x40A max

Operating temperature, humidity

-20 °C to +40 °C,
30 ~ 95% without condensation

Housing

Steel; with gray powder coating

Dimensions & Weight

483 x 132 x 460mm, 28kg

Warranty

5 years



NDP12xx features:

- Integrated GFI or Main switch
- 6A / 10A / 13A / 16A / 25A / 32A modules
- DIMMER/RELAY switch option controlled via curve or manually
- S-Drive pulse transformers on triacs for zero load control
- Main voltage, temperature, frequency, DMX line status on LCD
- Software patch / Preheat / Custom curve options for each channel
- Ethernet port: SRSnetTM, ArtNETTM, sACN control protocols (other on request)
- 16 scenes with a fade in between them
- USB port for: software update, presets, protection of the unit
- 2x DMX512 port with full RDM support
- SRS UltiSense free setup / monitoring software
- Audible warnings for voltage, frequency, disconnection of neutral
- High efficiency, less than 2% thermal lost per channel on full load

NDP12XX-TFT_en_datasheet_M157

Configuration table:

Type	NDP1210	NDP1210B	NDP1213	NDP1213B	NDP1216	NDP1216B
Number of channels	12					
Type of protection	Phase only					
Maximum output current per channel	10 A	10 A	13 A	13 A	16 A	16 A
Main voltage / Frequency	3 x 230 V / 40-65Hz					
Maximum current	3 x 40 A	3 x 40 A	3 x 52 A	3 x 52 A	3 x 64 A	3 x 64 A
Load min.	0 W - SRS S-Drive technology					
Load max.	2300 W	2300 W	2990 W	2990 W	3680 W	3680 W
Main protection	30 mA GFI	4-pole switch	30 mA GFI	4-pole switch	30 mA GFI	4-pole switch
Connections DMX512	2x DMX512 port, RDM capable					
Ethernet	SRSnet, artNET (other on request)					
W-DMX	optional W-DMX Receiver/Transmitter					
Features	Ultisense SW monitoring, Critical alerts, 5-year warranty, optional current measuring					

Variable outputs:

K0: WAGO Terminal & 6x PG



K1: 1x ILME/Harting 24



K2: 2x ILME/Harting 16 type A or B



K3: 2x Socapex19



K4: 12x French Schuko

K5: 12x Schuko

K6: 12x Danish

K7: 12x UK socket

K8: 12x SWISS socket



Other outputs available on request

Ultisense software:

