

# NDP12 WM

## NDP series

### Wall-mount

### Network Dimmer

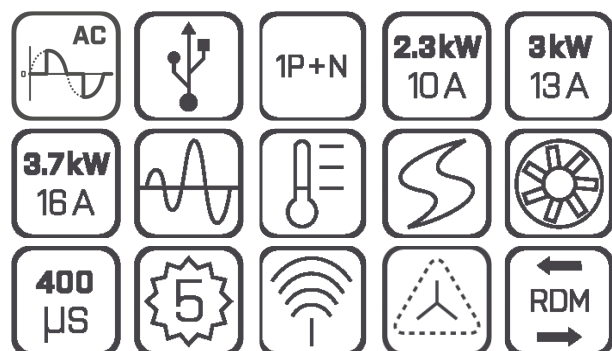


The **network dimmer pack NDP12 WM** is designed to fulfill all the top requirements of the most demanding lighting applications e.g. **theatres**, live concerts and also permanent installations. Unit was especially created for users requiring maximum flexibility, top class features and superb network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

Unit is controlled by a high speed processor with smooth **16-bit dimming** resolution via specially designed zero-crossing circuit. This technology guarantees trouble-free operation and high proof against the influence of negative surroundings with top class **rise-time of 400us**.

Moreover, the **network dimmer pack NDP12 WM** comes with **NDP-DC+RELAY** feature that is a **DC DRIVE/RELAY switch with rating of 16A and possibility to turn on/off via curve**. (DC-RELAY is not available for NDP dimmers 25 and 32A).

**All NDPseries dimming units are covered by a 5-year warranty.**



Main voltage: **3x230V / 400V / 40-65Hz**

Main current: **3x20 up to 3x63A**

Protection: **General Electric 1P / 1P+N / 1P+1P**

- **DCdrive/pulse** driving of triacs
- **RELAY/DIMMER** on single channel - depends on curve
- **Theater** or touring application
- **Rise-time of 400us**
- **Main switch / GFI 30mA** per unit
- **MCB or RCBO** per channel
- **Double DMX input + RDM support**
- **Ethernet connection / Art-Net / SRS.net / sACN**
- Software patch of **Manual / DMX A / DMX B / Ethernet**
- **Preheat** for all or a separate channel
- **Free monitoring software**
- **100% duty cycle**

Dimensions: **483 x 460 x 132mm (WxHxD)**

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## Variants

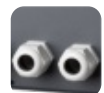
### 1P protection

- 932020 NDP1210B-5 WM 12x10A / 2.3kW, main switch
- 932021 NDP1210-5 WM 12x10A / 2.3kW, GFI
- 932022 NDP1213B-5 WM 12x13A / 3kW, main switch
- 932023 NDP1213-5 WM 12x13A / 3kW, GFI
- 932059 NDP1216B-5 WM 12x16A / 3.7kW, main switch
- 932024 NDP1216-5 WM 12x16A / 3.7kW, GFI

### 1P+N protection

- 932058 NDPN1210-5 WM 12x10A / 2.3kW, 1P+N, GFI
- 932049 NDPN1213-5 WM 12x13A / 3kW, 1P+N, GFI
- 932044 NDPN1216-5 WM 12x16A / 3.7kW, 1P+N, GFI

## DDP/NDP output



K0: 6x PG21



K1: 1x HARTING 24 (PH:1-12, N:13-24)



K2: 2x HARTING 16 (PH:1-6, N:9-14, NC:7+8+15+16)



K3: 2x Socapex 19



K4: 12x French Schuko



K5: 12x Schuko



K7: 12x Danish socket



K8: 12x Swiss Socket Type23



K9: 4x HARTING 16 (PH:1-6, N:9-14, NC:7+8+15+16)



K10: 2x HARTING 16 (PH:1,3,..., N:2,4,..., NC:13-16)



K11: 2x HARTING 6



K12: 2x HARTING 6 (PH, N - in round)



K13: 12x CEE16/3p



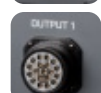
K14: 6x CEE32/3p



K15 - 6x PowerCon 32A



K16 - 2x Harting 6 / 25A



K23 - DDP/NDP output 4xSX

## 3PH-IN connector



32A 5-pin



63A 5-pin

## 3PH-IN cable options



2,0m cable, open end

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