

**APDX-500****Ściemniacz faz. (40-500VA) zabud.**

Nr art. 22154224

Phase dimmer with automatic load detection - phase or reverse phase. Control by means of a DSI or DALI signal or via momentary action switch. Total connected load 40 - 500VA.

**Zastosowanie**

With the digital phase dimmer, it is possible to dim LV tungsten-halogen lamps in connection with electronic or magnetic transformers, as well as ohmic light sources (incandescent lamps and HV tungsten-halogen lamps) with a total connected load of 40 – 500VA.

The device is actuated by means of a DSI or DALI signal, or with momentary action light switches.

**Wskazówki dotyczące planowania**

- The APDX-500 can be controlled either by a DSI or DALI signal or by means of directly connected momentary action switches.
- Autodetection is re-run every time the network is reset. Magnetic and electronic transformers connected jointly to a single APDX-500 will destroy the dimmer.
- If several APDX-500 devices need to be controlled jointly, this must be done by means of a DSI or DALI signal.
- The APDX-500 is fitted inside a luminaire, or recessed in the ceiling or cable ducting using the terminal covers provided.

**Opis działania**

The APDX-500 can be controlled via a DSI or DALI signal. This is the preferred option when several APDX-500s are to be controlled synchronously. In this case, operation takes place only via the device from which the APDX-500 receives the DSI or DALI signal, e.g. LM-DSI or LM-DALI...

As an alternative to operation by means of a DSI or DALI signal, the APDX-500 can be operated via a locally connected momentary action switch. The lighting can be switched or dimmed by means of the momentary action switch inputs T+ or T-.

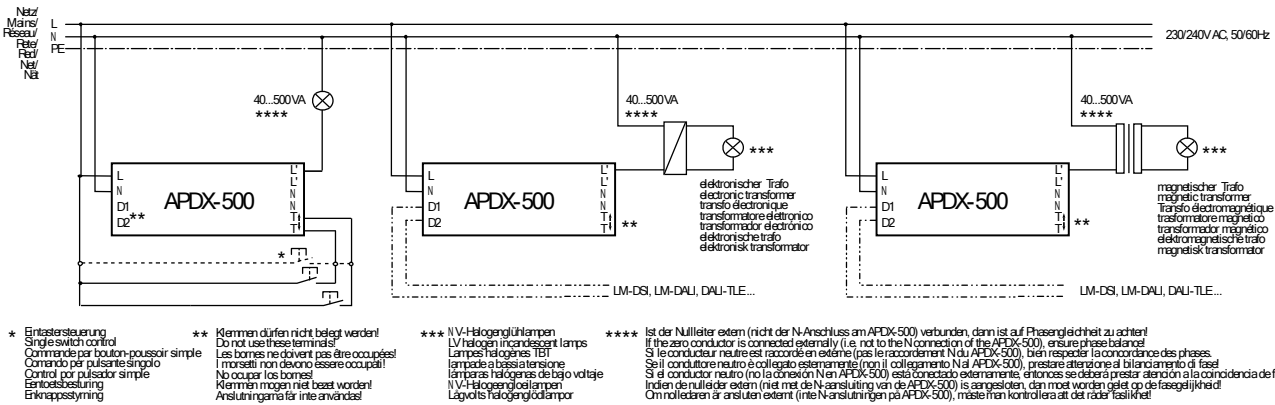
Double momentary action switch control:

|                        |                             |
|------------------------|-----------------------------|
| ON/OFF:                | Short key press on T+ or T- |
| Dim the lighting UP:   | Long key press on T+        |
| Dim the lighting DOWN: | Long key press on T-        |

Single momentary action switch control:

|                           |                                                               |
|---------------------------|---------------------------------------------------------------|
| ON/OFF:                   | Short key press                                               |
| dim the lighting UP/DOWN: | Long key press (changing dimming direction at each key press) |

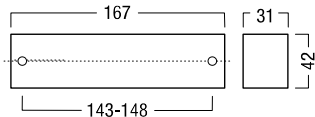
Schemat połączeń



Wskazówki dotyczące montażu i instalacji

- The power is connected to the L and N terminals without a switch.
- The power is connected to the L and N terminals without a switch.
  - If necessary, several momentary action switches can be wired in parallel. The phase position of all connected devices must be identical.
  - In the case of single momentary action switch control the two terminals T+ and T- are connected with a wire bridge.

Rozmiar



Tabliczka znamionowa/podłączenia

|                                     |  |    |
|-------------------------------------|--|----|
|                                     |  | L  |
| APDX-500                            |  | L  |
| Phasen-/ Phasenabschrittdimmer      |  | N  |
| Leading edge / Trailing edge dimmer |  | N  |
| DSI/DALI in Art. Nr. 22 154 224     |  | T+ |
| LUXMITE Lighting Management         |  | T- |

Dane techniczne

|                                                                                                         |                                                                                   |
|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Napięcie znamionowe                                                                                     | 230/240 V AC, 50/60 Hz                                                            |
| Dopuszczalne napięcie wejściowe                                                                         | 207 - 264 V AC, 50 - 60 Hz                                                        |
| {failed}                                                                                                |                                                                                   |
| Podłączone obciążenie                                                                                   | 40-500 VA                                                                         |
| Strata mocy                                                                                             | 2 W (6 W przy pełnym obciążeniu)                                                  |
| {failed}                                                                                                |                                                                                   |
| Wejścia                                                                                                 | 1 wejście sterujące DALI/DSI, pobór prądu 2 mA (1 urządzenie DALI)                |
| Wyjścia                                                                                                 |                                                                                   |
| Zakres kontroli                                                                                         | DSI: 0; 1 – 100% (światłości względnej)<br>DALI: 0; 0,1-100% (światłość względna) |
| Terminale                                                                                               | 0,75 ... 2,5 mm <sup>2</sup>                                                      |
| Instalacja                                                                                              |                                                                                   |
| Wymiary                                                                                                 |                                                                                   |
| Materiał obudowy                                                                                        | poliwęglan, bez halogenów, ognioodporny                                           |
| Weight                                                                                                  | Ok. 0.2 kg                                                                        |
| Dopuszczalna temperatura otoczenia Ta                                                                   | maks. 300 VA, 0 - 60°C<br>maks. 500 VA, 0 - 45°C                                  |
| {failed}                                                                                                |                                                                                   |
| Klasa ochronności                                                                                       | IP20                                                                              |
| {failed}                                                                                                |                                                                                   |
| W przypadku wyłączenia zasilania z sieci elektroenergetycznej urządzeniem można sterować po 1 sekundzie |                                                                                   |