

# PCA 1x28 TC-DD ECO xitec II

Kod produktu: 72469



## Dane techniczne:

- Weight per pc. **0.147 kg**
- Ambient temperature  $t_a$  **-25 ... +65 °C**
- $t_c$  point max. **75 °C**
- Packaging, carton **10 pc(s)**.
- Packaging, pallet **500 pc(s)**.
- Dimensions L x W x H **123 x 79 x 31 mm**
- Lamp type **TC-DD**
- Lamp wattage **1 x 28 W**
- Circuit power **27.5 W**
- EEI **A1 BAT**
- Lamp power **26.5 W**
- Current at 230 V, 50 Hz **0.13 A**
- $\lambda$  at 230 V, 50 Hz **0.98**
- CE **CE**
- EAC **EAC**
- EL **EL**
- EMCVDE **EMCVDE**
- ENEC **ENEC**
- RCM **RCM**
- RoHs **RoHs**
- AC voltage range **198 – 264 V**
- DC voltage range **176 – 280 V (lamp start  $\geq$  198 V DC)**
- Mains frequency **0 / 50 / 60 Hz**
- Overvoltage protection **320 V AC, 1 h**
- Dimming range **3 – 100 %**
- Type of protection **IP20**
- Typ. power input on stand-by
- Mains voltage range **220 – 240 V**
- Operating frequency **~ 40 – 130 kHz**
- Lamp start possible from **3 %**
- Protective hot restart **0.5 s for AC / 0.2 s for DC**
- Processor-controlled ballast with xitec II inside
- Highest possible energy class CELMA EEI = A1 BAT (1)
- Noise-free precise control via DALI or DSI signal, switch DIM or corridor FUNCTION
- Nominal life-time up to 100,000 h (at  $t_a$  50 °C with a failure rate  $\leq$  0.2 % per 1,000 h)

- OEM-specific reserved memory areas
- 5-year guarantee

## Interfaces

- DALI
- DSI
- switchDIM (with memory function + selectable dimming rate)
- corridorFUNCTION (3 preprogrammed profiles)
- Integrated SMART interface for function with SMART Sensor 5D 19f and corridorFUNCTION plugs

## Functions

- Intelligent Temperature Guard (overtemperature protection)
  - Intelligent Voltage Guard (overvoltage indication and undervoltage shutdown)
  - Optimum filament heating in any dimmer setting
  - Disconnection of filament heating from a dimming level of approx. 90 % for maximum energy efficiency (SMART-Heating concept)
  - corridorFUNCTION with ambient light control
  - Automatically triggered emergency lighting value in DC mode, 15 %
  - For emergency lighting systems as per EN 50172
  - Automatic start after replacement of defective lamps
  - Automatic shutdown if the lamp is faulty
- <sup>(1)</sup> According to the EU directives on ecodesign requirements (EC) No. 245/2009 and (EC) No. 347/2010.

