

CODE: **EXT-POEG3DIN** v.1.0/l  
NAME: **Extender EXT-POEG3DIN**

EN



#### Equipment features:

- Voltage adjustment range 48-57 V DC
- Power supply from PoE switch
- PoE input: PoE IN - compliant with IEEE802.3af/at
- PoE output: PoE OUT 1-3 - compliant with IEEE802.3af
- Increases Ethernet and PoE power range by 100 meters
- Supports 10/100/1000 Mb/s networks
- LED optical signalization
- Protections:
  - OLP overload protection
  - SCP short circuit protection
- Warranty – 2 years from production date

#### DESCRIPTION

**EXT-POEG2 extender** is a device designed to extend transmission distance of PoE power and Ethernet data via UTP cat. 5/5e twisted pair cable to next 100m. Extender is powered from PoE switch or other PoE-compliant device (PoE IN input). Output voltage and data are available at PoE OUT 1 – 3 outputs, to which cameras or other IP devices using PoE power should be connected. Maximum load current is 0.4A (0.3A/port) and power transmission is realized on pairs 1/2 (+) 3/6(-).

#### TECHNICAL DATA

|   |  |
|---|--|
| Power supply  | Compliant with 802.3af/at (48÷57 V DC)   |
| Current consumption by module systems                       | <20mA  |
| Module power  | 20 W max.  |
| Ports   | 4 ports 10/100/1000 Mb/s (1 x PoE IN + 3 x PoE OUT) with auto negotiation of connection speed, auto MDI/MDIX crossover   |
| Output voltage  | Compliant with 802.3af   |
| Output current  | 0,3A/port ( $\Sigma=0,4A$ max.)  |
| PoE IN input power supply pairs                             | 1/2 (+) 3/6(-)<br>4/5 (+) 7/8 (-)  |
| PoE OUT1/2 output power supply pairs                        | 1/2 (+) 3/6 (-)  |
| Overload protection (OLP)<br>Short circuit protection (SCP) | 105% + 150% of power supply, automatic recovery  |
| LED operation indication                                    | LEDs (green) – indicating the LAN connection status (of individual outputs):<br><b>On</b> - connected device 10/100/1000 Mb/s<br><b>Blinking</b> - data transmission |
| Operating conditions  | -10°C – 40°C   |
| Dimensions (LxWxH)  | 50 x 23 x 81 [+/- 2mm]   |
| Installation  | For TH35 rail or mounting screws x2 (71mm spacing)   |
| Connectors:<br>- PoE input/output                           | RJ45 8P8C  |
| Net/gross weight  | 0,05kg / 0,06kg  |
| Storage temperature   | -20°C...+60°C  |
| Declarations, warranty                                      | CE, RoHS, 2 years from production date   |

