

**PC T8 PRO Ip, PC T8 PRO sl, 18 – 58 W****PC PRO T8**

With PC PRO you get the maximum from a fluorescent lamp. x II processor technology ensures an intelligent balance of tolerances for extremely precise lamp operation. As a result of this careful treatment, the lamps feature a long service life, even after more than 50,000 starts. In this regard it is no problem if ambient temperatures fluctuate between - 25 °C and up to 80 °C according to the specific version. With overvoltage caused by erroneous wiring, the supplementary Intelligent Voltage Guard protective function outputs a warning.

**Product description**

- \_ Highest possible energy class CELMA EEI = A2 BAT
- \_ Nominal life-time up to 100,000 h (at ta 50 °C with a failure rate ≤ 0.1 % per 1,000 h)
- \_ Large temperature range (for values see table)
- \_ Intelligent Voltage Guard (overvoltage indication and undervoltage shutdown)
- \_ Precise lamp operation using adjustment of lamp parameters
- \_ Advanced SMART-Heating for min. 50,000 starts without replacement of lamps
- \_ Constant luminous flux irrespective of fluctuations in mains voltage
- \_ Designed for THD < 10 %
- \_ For luminaires of protection class I and protection class II
- \_ Automatic start after replacement of defective lamps
- \_ Safety shutdown of defective lamps and at end of lamp life (EOL 2)
- \_ Insulation Displacement Connection (IDC) terminal for rapid automatic or manual wiring
- \_ For emergency lighting systems as per EN 50172

**Website**

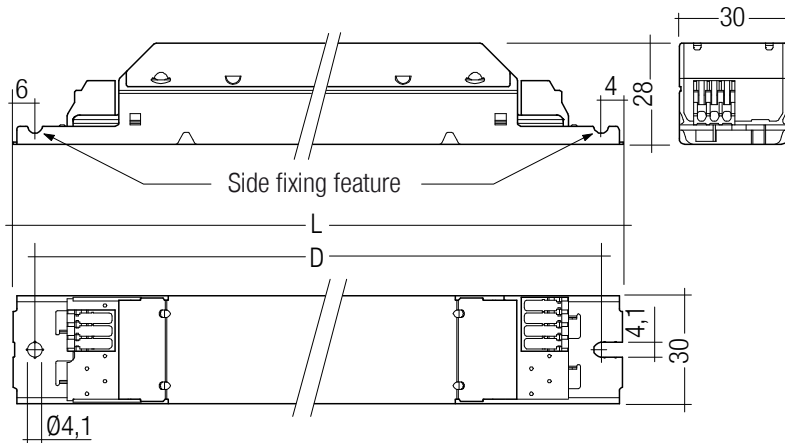
<http://www.tridonic.com/22185217>



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The complete data sheet for this product is available in the Downloads section.

**Ordering data**

| Type                               | Article number | Figure | Packaging, carton | Packaging, low volume | Packaging, high volume | Weight per pc. |
|------------------------------------|----------------|--------|-------------------|-----------------------|------------------------|----------------|
| <b>For luminaires with 2 lamps</b> |                |        |                   |                       |                        |                |
| PC 2x36 T8 PRO sl                  | 22185217       | 2      | 50 pc(s).         | 900 pc(s).            | 2,700 pc(s).           | 0.214 kg       |

**Technical data**

|                        |  |
|------------------------|--|
| Mains voltage range    | 220 – 240 V                              |
| 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                            |
| Defined warm start     | $\leq$ 1.5 s                             |
| Operating frequency    | $\geq$ 39.5 kHz                          |
| Type of protection     | IP20                                     |

**Approval marks****Standards**

EN 55015, EN 61347-2-4, EN 61347-2-3, EN 60929, EN 61000-3-2, EN 61547, Acc. to EN 50172, IEC 68-2-64 Fh, IEC 68-2-29 Eb, IEC 68-2-30

**Specific technical data**

| Lamp wattage                | Lamp type | Type              | Article number | Dimensions L x W x H | Hole spacing D | Lamp power | Circuit power | EEI    | Current at 50 Hz |         | λ at 50 Hz |       | tc point max. | Ambient temperature ta | tc/ta for ≥ 50,000 h |
|-----------------------------|-----------|-------------------|----------------|----------------------|----------------|------------|---------------|--------|------------------|---------|------------|-------|---------------|------------------------|----------------------|
|                             |           |                   |                |                      |                |            |               |        | 220 V            | 240 V   | 220 V      | 240 V |               |                        |                      |
|                             |           |                   |                |                      |                |            |               |        |                  |         |            |       |               |                        |                      |
| For luminaires with 2 lamps |           |                   |                |                      |                |            |               |        |                  |         |            |       |               |                        |                      |
| 2 x 36 W                    | T26 (T8)  | PC 2x36 T8 PRO sl | 22185217       | 280 x 30 x 28 mm     | 270 mm         | 64.0 W     | 70.7 W        | A2 BAT | 0.320 A          | 0.293 A | 0.99       | 0.98  | 75 °C         | -25 ... +60 °C         | 75/60 °C             |