

PC T8 TEC, 18 – 58 W

PC TEC T8

The simplest form of reliability: PC TEC has everything an electronic ballast needs for reliably operating fluorescent lamps. With simplest switching technology and compact constructions, the PC TEC is the ideal entry-level product for utilising the benefits of electronic control units. You'll see – saying farewell to magnetic ballasts is easy.



Product description

- _ CELMA Energy Efficiency Index A2
- _ Nominal life-time up to 30,000 h (at ta 50 °C with a failure rate \leq 0.3 % per 1,000 h)
- _ Large temperature range (for values see table)
- _ Lamp preheating for min. 30,000 starts without replacement of lamps
- _ Automatic start after replacement of defective lamps
- _ Push terminal for rapid automatic or manual wiring
- _ Temperature protection as per EN 61347-2-3 C5e

Website

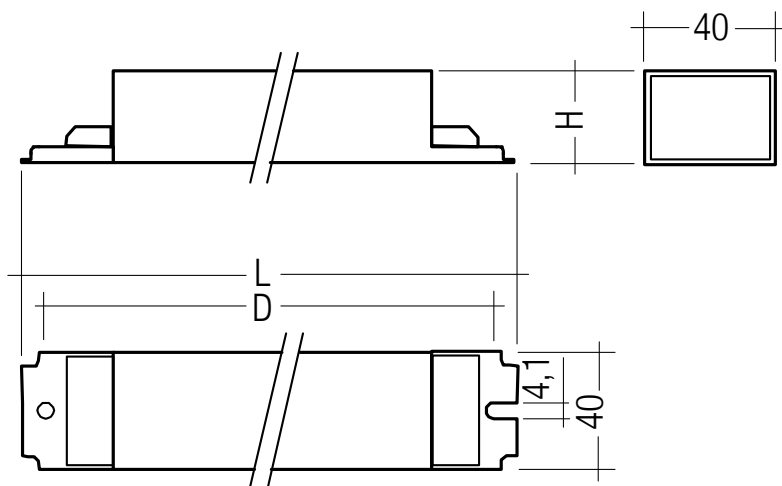
<http://www.tridonic.com/87500259>



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

**Ordering data**

Type	Article number ^①	Packaging, carton	Packaging, low volume	Packaging, high volume	Weight per pc.
For luminaires with 2 lamps					
PC 2x36 T8 TEC	87500259	60 pc(s).	840 pc(s).	2,520 pc(s).	0.170 kg

Technical data

Mains voltage range	220 – 240 V
AC voltage range	198 – 264 V
Mains frequency	50 / 60 Hz
Overvoltage protection	320 V AC, 1 h (280 V AC, 48 h for 2x58 W applications)
Time to light	≤ 2 s
Operating frequency	> 40 kHz
Type of protection	IP20

Approval marks**Standards**

EN 55015, EN 61000-3-2, EN 61000-3-3, EN 61347-1, EN 61347-2-3, EN 61547

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
									220 V	240 V	220 V	240 V		
For luminaires with 2 lamps														
2 x 36 W	T26 (T8)	PC 2x36 T8 TEC	87500259	210 x 40 x 30 mm	198 mm	62.0 W	67.0 W	A2	0.31 A	0.31 A	0.97	0.97	70 °C	-10 ... +50 °C
2 x 36 W	TC-L	PC 2x36 T8 TEC	87500259	210 x 40 x 30 mm	198 mm	61.5 W	66.5 W	A2	0.30 A	0.30 A	0.97	0.97	70 °C	-10 ... +50 °C

① Article number 87500150 and 87500151 without RCM approval mark.

② Test result at 230 V, 50 Hz.