

PC TC PRO, 1/2x9 – 70 W

PC PRO compact



Product description

- _ CELMA Energy Efficiency Index A2 BAT / A2
- _ Nominal life-time up to 100,000 h (at ta 50 °C with a failure rate \leq 0.2 % per 1,000 h)
- _ Large temperature range (for values see table)
- _ Devices can operate either 1 or 2 lamps
- _ Intelligent Voltage Guard (overvoltage indication and undervoltage shutdown)
- _ Constant luminous flux irrespective of fluctuations in mains voltage
- _ 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)
- _ For emergency lighting systems as per EN 50172
- _ For luminaires with M and MM as per EN 60598, VDE 0710 and VDE 0711
- _ Temperature protection as per EN 61347-2-3 C5e
- _ 5-year guarantee

Website

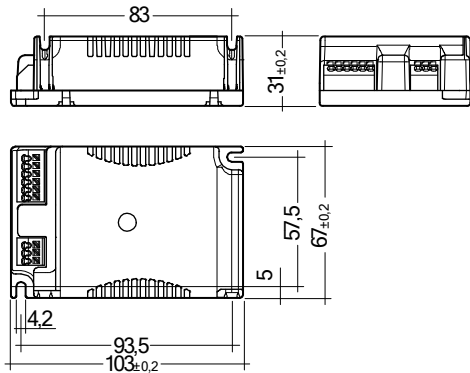
<http://www.tridonic.com/22176408>



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

**Ordering data**

Type	Article number	Packaging, carton	Packaging, low volume	Weight per pc.
For luminaires with 1 or 2 lamps				
PC 1/2x26-42 TC PRO	22176408	15 pc(s).	750 pc(s).	0.130 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 1.6 s
Operating frequency	\geq 40 kHz
Type of protection	IP20

Approval marks**Standards**

EN 55015, EN 60929, EN 61000-3-2, EN 61347-2-3, EN 61347-2-4, EN 61547, Acc. to EN 50172

Specific technical data

Lamp wattage	Lamp type	Type	Article number	Dimensions L x W x H	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 1 or 2 lamps														
1 x 22 W	T16-R (T5c)	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	21.7 W	24.6 W	A2	0.117 A	0.107 A	0.96	0.95	75 °C	-25 ... +65 °C	70/60 °C
1 x 40 W	T16-R (T5c)	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	38.2 W	40.7 W	A2 BAT	0.189 A	0.173 A	0.99	0.98	75 °C	-25 ... +65 °C	70/60 °C
2 x 22 W	T16-R (T5c)	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	44.8 W	48.7 W	A2 BAT	0.225 A	0.206 A	0.99	0.98	75 °C	-25 ... +60 °C	70/55 °C
1 x 26 W	TC-DEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	23.0 W	25.6 W	A2 BAT	0.125 A	0.114 A	0.97	0.96	75 °C	-25 ... +65 °C	70/60 °C
2 x 26 W	TC-DEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	49.9 W	52.4 W	A2 BAT	0.242 A	0.222 A	0.99	0.99	75 °C	-25 ... +60 °C	70/55 °C
1 x 18 W	TC-F	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	13.7 W	15.4 W	A2	0.077 A	0.071 A	0.92C	0.91C	75 °C	-25 ... +65 °C	70/60 °C
1 x 24 W	TC-F	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	20.0 W	22.2 W	A2 BAT	0.106 A	0.097 A	0.96	0.95	75 °C	-25 ... +65 °C	70/60 °C
2 x 18 W	TC-F	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	26.4 W	30.4 W	A2 BAT	0.142 A	0.130 A	0.98	0.97	75 °C	-25 ... +65 °C	70/60 °C
2 x 24 W	TC-F	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	42.9 W	45.7 W	A2 BAT	0.211 A	0.193 A	0.99	0.98	75 °C	-25 ... +60 °C	70/55 °C
1 x 18 W	TC-L	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	14.5 W	16.7 W	A2	0.083 A	0.076 A	0.93C	0.92C	75 °C	-25 ... +65 °C	70/60 °C
1 x 24 W	TC-L	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	21.6 W	24.1 W	A2 BAT	0.114 A	0.104 A	0.96	0.95	75 °C	-25 ... +65 °C	70/60 °C
2 x 18 W	TC-L	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	29.5 W	33.3 W	A2 BAT	0.155 A	0.142 A	0.98	0.97	75 °C	-25 ... +65 °C	70/60 °C
2 x 24 W	TC-L	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	44.5 W	48.4 W	A2 BAT	0.223 A	0.204 A	0.99	0.97	75 °C	-25 ... +60 °C	70/55 °C
1 x 26 W	TC-TEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	24.4 W	26.7 W	A2 BAT	0.125 A	0.115 A	0.97	0.96	75 °C	-25 ... +65 °C	70/60 °C
1 x 32 W	TC-TEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	31.3 W	33.7 W	A2 BAT	0.157 A	0.144 A	0.98	0.97	75 °C	-25 ... +65 °C	70/60 °C
1 x 42 W	TC-TEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	40.9 W	42.7 W	A2 BAT	0.198 A	0.181 A	0.99	0.98	75 °C	-25 ... +65 °C	70/60 °C
2 x 26 W	TC-TEL	PC 1/2x26-42 TC PRO	22176408	103 x 67 x 31 mm	50.2 W	53.3 W	A2 BAT	0.243 A	0.223 A	0.99	0.99	75 °C	-25 ... +60 °C	70/55 °C