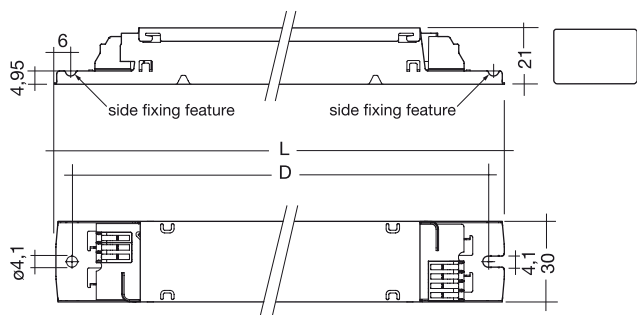


## PC T5 PRO Ip 15–80 W 220–240 V 50/60/0 Hz



- defined lamp warm start within 1.5 s
- economical operation thanks to smart heating
- constant light output independent of fluctuations in mains voltage
- average life = 50,000 h (at ta max. and a failure rate of  $\leq 0.2\%$  per 1,000 h)
- AC voltage range 198–264 V
- DC voltage range 176–280 V (for ignition input voltage  $\geq 198$  V DC)
- power factor  $\geq 0.94$
- overvoltage protection 320 V AC, 1 h
- overvoltage indication starting at input voltage  $\geq 306$  V AC
- undervoltage protection (shut down)  $< 150$  V AC / 176 V DC

- operating frequency  $\geq 42$  kHz
- suitable for automatic and manual wiring with insulation displacement connector (IDC)
- wide operating temperature range (see table)
- suitable for use in emergency lighting installations in accordance with EN 50172
- safe switch off of defective lamps
- automatic re-start after lamp change
- for luminaires with  $\nabla$  or  $\nabla$  and  $\nabla$  in acc. with EN 60598, VDE 0710 and VDE 0711
- suitable for luminaires with safety class 1 and safety class 2
- ingress protection IP 20
- thermal protection according to EN 61347-2-3 C5e

**Packaging:**

**PC 1/24–39 T5 PRO Ip**  
box of 10  
96 boxes/pallet  
960 pieces/pallet

**PC 1/80 T5 PRO Ip**  
**PC 2/24–39 T5 PRO Ip**  
box of 10  
76 boxes/pallet  
760 pieces/pallet

**PC 2/80 T5 PRO Ip**  
**PC 3/4/15–24 T5 PRO Ip**  
box of 25  
33 boxes/pallet  
825 pieces/pallet

**Wiring:**

page 59 figure A1–A4

**Approvals:**

EN 55015: 2006 + A1: 2007  
EN 60925  
EN 60929  
EN 61000-3-2  
EN 61347-2-3  
EN 61347-2-4  
EN 61547  
in accordance with EN 50172  
IEC 68-2-64 Fh  
IEC 68-2-29 Eb  
IEC 68-2-30

Lamp	Ballast		article number	length		weight	lamp power W	circuit power W ①	EEI	current at 50 Hz		$\lambda$ at 50 Hz		tc point °C	temperature range °C
	type	type		L mm	D mm					220 V A	240 V A	220 V	240 V		
3x15	T8	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	40.5	47.0	A2	0.22	0.21	0.96	0.94	75	-25 → +60
4x15	T8	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	54.0	62.0	A2	0.29	0.27	0.97	0.96	75	-25 → +55
3x18	T8	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	48.0	54.5	A2	0.26	0.24	0.97	0.96	75	-25 → +60
4x18	T8	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	64.0	73.0	A2	0.34	0.31	0.98	0.97	75	-25 → +55
1x24	T5	PC 1/24 T5 PRO Ip	22087891	280	270	0.20	22.5	26.0	A2	0.12	0.11	0.98	0.96	70	-25 → +50
2x24	T5	PC 2/24 T5 PRO Ip	22087939	360	350	0.26	45.0	48.5	A2	0.22	0.21	0.98	0.96	70	-25 → +50
1x24	TC-L	PC 1/24 T5 PRO Ip	22087891	280	270	0.20	22.5	26.0	A2	0.12	0.11	0.98	0.96	70	-25 → +50
2x24	TC-L	PC 2/24 T5 PRO Ip	22087939	360	350	0.26	45.0	48.5	A2	0.22	0.21	0.98	0.96	70	-25 → +50
3x24	T5	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	67.5	76.0	A2	0.35	0.33	0.98	0.97	75	-25 → +55
4x24	T5	PC 3/4/24 T5 PRO Ip	22176047	425	415	0.28	90.0	99.0	A2	0.45	0.42	0.99	0.98	75	-25 → +50
1x39	T5	PC 1/39 T5 PRO Ip	22087908	280	270	0.20	38.0	41.0	A2	0.19	0.18	0.99	0.97	70	-25 → +50
2x39	T5	PC 2/39 T5 PRO Ip	22087630	360	350	0.26	76.0	84.0	A2	0.39	0.36	0.99	0.97	75	-25 → +50
1x80	T5	PC 1/80 T5 PRO Ip	22087618	360	350	0.26	80.0	86.0	A2	0.40	0.37	0.98	0.96	80	-25 → +50
2x80	T5	PC 2/80 T5 PRO Ip	22088109	425	415	0.36	160.0	175.0	A2	0.80	0.74	0.99	0.98	80	-25 → +50

① measured according to EN 50294