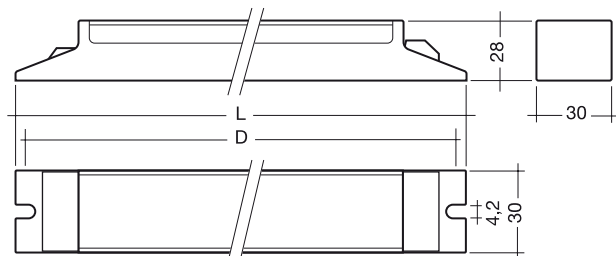


## PC INDUSTRY T5 49–80 W 220–240 V 50/60/0 Hz



- defined lamp warm start within 1.5 s
- constant light output independent of fluctuations in mains voltage
- AC voltage range 198-264 V
- DC voltage range 176-280 V (for ignition input voltage  $\geq 198$  V DC)
- power factor  $\geq 0.95$
- overvoltage protection 320 V AC, 1 h
- suitable for high mains voltage peaks (Burst, Surge) up to 4 kV
- overvoltage indication starting at input voltage  $\geq 306$  V AC
- undervoltage protection (shut down)  $< 150$  V AC / 176 V DC
- operating frequency  $\geq 40$  kHz
- wide operating temperature range (see table)

- average life = 100,000 h at ta max. (see table)  $-10$  °C and a failure rate of  $\leq 0.1$  % per 1,000 h resp. 50,000 h at ta max. and a failure rate of  $\leq 0.2$  % per 1,000 h
- economical operation thanks to smart heating
- energy classification EEI = A2
- suitable for use in emergency lighting installations in accordance with EN 50172
- safe switch off of defective lamps
- automatic re-start after lamp change
- suitable for luminaires with safety class 1 and safety class 2
- ingress protection IP 20
- thermal protection  $\nabla$  according to EN 61347-2-3 C5e

**Packaging:**  
box of 25  
20 boxes/pallet  
500 pieces/pallet

**Wiring:**  
page 63 figure F1, F3

**Approvals:**  
EN 55015: 2006 +  
A1: 2007  
EN 60925  
EN 60929  
EN 60598  
EN 50082-2  
EN 61000-3-2  
EN 61347-2-3  
EN 61347-2-4  
EN 61547  
in accordance  
with EN 50172

Lamp	Ballast		article number	length L mm	fixing centres D mm	weight kg	lamp power W	circuit power W	current at 50 Hz		$\lambda$ at 50 Hz		tc point °C	temperature range °C
	type	type							220 V A	240 V A	220 V	240 V		
1x49	T5	PC 1/49 T5 INDUSTRY	86458039	456	445	0.42	49.0	56.0	0.27	0.25	0.96	0.95	77	-30 → +70
2x49	T5	PC 2/49 T5 INDUSTRY	86458040	456	445	0.42	98.0	107.0	0.50	0.46	0.98	0.97	77	-30 → +70
1x54	T5	PC 1/54 T5 INDUSTRY	86458041	456	445	0.42	54.0	60.0	0.28	0.26	0.97	0.96	79	-30 → +70
2x54	T5	PC 2/54 T5 INDUSTRY	86458042	456	445	0.42	108.0	112.0	0.51	0.48	0.99	0.97	79	-30 → +70
1x80	T5	PC 1/80 T5 INDUSTRY	86458043	456	445	0.42	80.0	88.0	0.41	0.38	0.98	0.97	80	-30 → +70
2x80	T5	PC 2/80 T5 INDUSTRY	86458044	456	445	0.42	160.0	172.0	0.79	0.73	0.99	0.98	84	-30 → +60