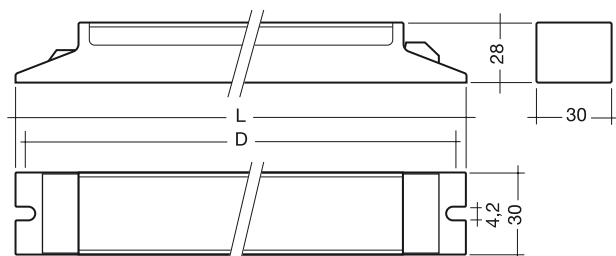


## PC INDUSTRY T8 36–58 W 220–240 V 50/60/0 Hz



- 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  $\geq 0.94$
- 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  $\nabla^{10}$  according to EN 61347-2-3 C5e

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

**Wiring:**  
page 63 figure F1-F2

**Approvals:**  
EN 55015: 2006 +  
A1: 2007  
EN 55022  
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 50172

Lamp		Ballast													
watt- age W	type	type	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	
									220 V A	240 V A	220 V A	240 V A			
1x36	T8	PC 1/36 T8 INDUSTRY	220–240 V 50/60/0 Hz	86458035	456	445	0.42	32	36.5	0.17	0.16	0.96	0.94	76	-30 → +70
2x36	T8	PC 2/36 T8 INDUSTRY	220–240 V 50/60/0 Hz	86458036	456	445	0.42	64	74.5	0.35	0.32	0.97	0.97	82	-30 → +70
1x58	T8	PC 1/58 T8 INDUSTRY	220–240 V 50/60/0 Hz	86458037	456	445	0.42	50	55.5	0.26	0.24	0.97	0.96	80	-30 → +70
2x58	T8	PC 2/58 T8 INDUSTRY	220–240 V 50/60/0 Hz	86458038	456	445	0.42	100	108.0	0.50	0.46	0.98	0.98	83	-30 → +70