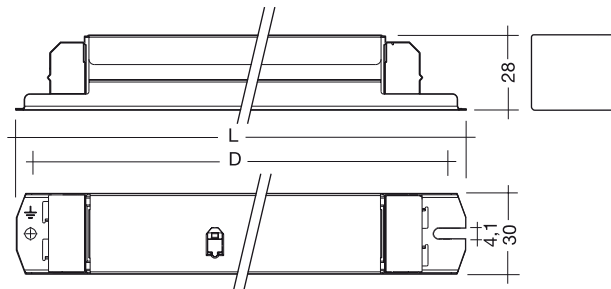


## PCA ECO 18–58 W 220–240 V 50/60/0 Hz



- dimming range from 1-100 %
- lamp start at 1 %
- defined lamp warm start within 0.6 s
- switch via the mains or with digital control signal
- dimming which is comfortable to the eye
- disturbance free precise control with a digital DSI signal or switchDIM
- integrated SMART interface
- fully electronic lamp management and digital communication with ASIC and  $\mu$ C

- constant light output independent of fluctuating supply voltage
- DC operation in emergency lighting installations to EN 50172
- automatically triggered 70 % emergency light value for DC and rectified AC voltage (please refer to data sheet)
- safe shutdown of defective lamps
- safe shutdown of lamps at end of life (rectifying effect)
- automatic restart after lamp replacement
- operating frequency ~40-100 kHz

**Packaging:**  
box of 10  
58 boxes/pallet  
580 pieces/pallet

**Wiring:**  
page 94 figure A, B, C  
page 99 figure S

**Approvals:**  
EN 55015  
EN 55022  
EN 60929  
EN 61000-3-2  
EN 61347-2-3  
EN 61547  
suitable for emergency light installations as per EN 50172

Lamp		Ballast										
watt- age W	length mm	type	article number	length L mm	fixing centres D mm	weight kg	lamp power W ②	circuit power W ②	current at 230V/50Hz A ②	$\lambda$ at 230V/50Hz	tc point °C	temperature range °C ①
1x18	590	PCA 1/18 ECO 220–240 V 50/60/0 Hz	22085406	360	350	0.32	16	20.8	0.100	0.93	65	-25 → +60
2x18	590	PCA 2/18 ECO 220–240 V 50/60/0 Hz	22085415	360	350	0.36	32	39.6	0.180	0.96	75	-25 → +60
1x30	900	PCA 1/30 ECO 220–240 V 50/60/0 Hz	22086116	360	350	0.32	25	30.1	0.135	0.96	80	-25 → +60
2x30	900	PCA 2/30 ECO 220–240 V 50/60/0 Hz	22086122	360	350	0.36	50	58.0	0.260	0.98	75	-25 → +60
1x36	1,200	PCA 1/36 ECO 220–240 V 50/60/0 Hz	22085421	360	350	0.32	32	36.5	0.165	0.97	70	-25 → +60
2x36	1,200	PCA 2/36 ECO 220–240 V 50/60/0 Hz	22085437	360	350	0.36	64	70.4	0.305	0.98	80	-25 → +60
1x38	1,200	PCA 1/38 ECO 220–240 V 50/60/0 Hz	22087002	360	350	0.32	32	37.3	0.170	0.98	70	-25 → +60
2x38	1,200	PCA 2/38 ECO 220–240 V 50/60/0 Hz	22087011	360	350	0.36	64	71.1	0.315	0.99	75	-25 → +60
1x58	1,500	PCA 1/58 ECO 220–240 V 50/60/0 Hz	22085443	360	350	0.32	50	56.0	0.250	0.98	75	-25 → +60
2x58	1,500	PCA 2/58 ECO 220–240 V 50/60/0 Hz	22084837	360	350	0.36	100	111.0	0.490	0.98	75	-25 → +50

① 0 °C to  $t_a$  max: unrestricted dimming

-25 °C to 0 °C: 100 % start and 100 % operation possible. This applies to AC and DC operation.

② valid at 100 % light output