

# Flat Electronic Built-in Ballasts

## EXUr – Programmed rapid start for miniature bi-pin T5 lamps

Casing: metal, white lacquered

Power factor: 0.98

Total harmonic distortion: <10%

Ambient temperature  $t_a$ : -18 to 50°C

Casing temperature  $t_c$ : 70°C

Quick connect terminals: 18 AWG

Complies with FCC 47 CFR part 18

Inherent thermal protection UL listed class P

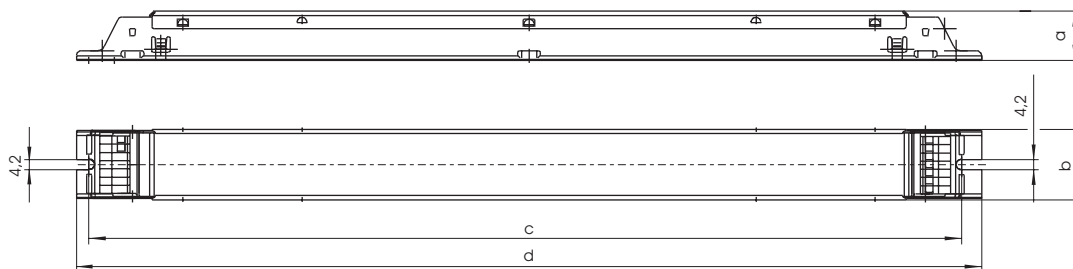
Type 1 outdoor

Type CC

Sound rated A

Fixing brackets for screws M4

Also suitable for lighting systems with high switching frequency



Lamp				Electronic ballast								System	
Output	Type	Base	Power consumption	Type	Ref. No.	Voltage AC	a	b	c	d	Output	Luminous factor	
W			W			$V_{\pm 10\%}$ 50, 60 Hz	mm	mm	mm	mm	W	%	
14	T5	G5	1 x 14.0	EXUr 135.005	<b>188239</b>	120 ... 277	21	30	350	359	17.0	100	
2x14	T5	G5	2 x 14.0	EXUr 235.006	<b>188240</b>	120 ... 277	21	30	350	359	34.0	100	
21	T5	G5	1 x 21.0	EXUr 135.005	<b>188239</b>	120 ... 277	21	30	350	359	24.0	100	
2x21	T5	G5	2 x 21.0	EXUr 235.006	<b>188240</b>	120 ... 277	21	30	350	359	48.0	100	
24	T5	G5	1 x 24.0	EXUr 139.001	<b>188225</b>	120 ... 277	21	30	350	359	29.0	100	
24	T5	G5	1 x 24.0	EXUr 239.002	<b>188226</b>	120 ... 277	21	30	350	359	29.0	100	
2x24	T5	G5	2 x 24.0	EXUr 239.002	<b>188226</b>	120 ... 277	21	30	350	359	54.5	100	
28	T5	G5	1 x 28.0	EXUr 135.005	<b>188239</b>	120 ... 277	21	30	350	359	32.0	100	
2x28	T5	G5	2 x 28.0	EXUr 235.006	<b>188240</b>	120 ... 277	21	30	350	359	64.0	100	
35	T5	G5	1 x 35.0	EXUr 135.005	<b>188239</b>	120 ... 277	21	30	350	359	40.0	100	
2x35	T5	G5	2 x 35.0	EXUr 235.006	<b>188240</b>	120 ... 277	21	30	350	359	78.0	100	
39	T5	G5	1 x 39.0	EXUr 139.001	<b>188225</b>	120 ... 277	21	30	350	359	42.0	105	
39	T5	G5	1 x 39.0	EXUr 239.002	<b>188226</b>	120 ... 277	21	30	350	359	42.0	105	
2x39	T5	G5	2 x 39.0	EXUr 239.002	<b>188226</b>	120 ... 277	21	30	350	359	84.0	100	
54	T5	G5	1 x 54.0	EXUr 154.003	<b>188227</b>	120 ... 277	21	30	350	359	61.0	100	
54	T5	G5	1 x 54.0	EXUr 254.004	<b>188228</b>	120 ... 277	21	30	412	425	61.0	100	
2x54	T5	G5	2 x 54.0	EXUr 254.004	<b>188228</b>	120 ... 277	21	30	412	425	119.5	100	