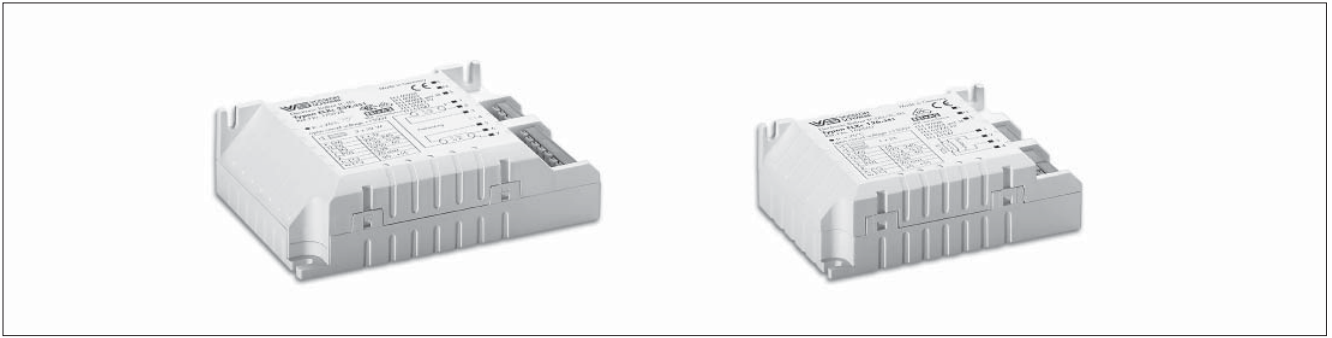


# Electronic Ballasts for TC and T Lamps



## ELXc – Warm start for compact fluorescent lamps

### Built-in ballasts

ELXc 213.870, 218.871, 142.872,  
242.837, 155.378 have a second earth terminal  
to ground the luminaires for example

- T5     TC     BUILT-IN     1-10 V  
 T8     INDEPENDENT     DALI/PUSH

Lamp				Electronic ballast							System	
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10%	Energie efficiency	Ambient temperature t <sub>a</sub> (°C)	Casing temperature t <sub>c</sub> (°C)	Casing	Output W	Luminous factor %
9	TC-SEL	2G7	1 x 8.0	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	10.7	102.9
2x9	TC-SEL	2G7	2 x 8.0	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	19.4	102.9
10	TC-DEL	G24q-1	1 x 9.5	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	10.9	99.2
2x10	TC-DEL	G24q-1	2 x 9.5	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	20.5	98.8
11	TC-SEL	2G7	1 x 11.0	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	14.7	110.1
2x11	TC-SEL	2G7	2 x 11.0	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	27.9	116.1
13	TC-DEL/-TEL	G24q-1/GX24q-1	1 x 12.5	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	15.0	102.9
2x13	TC-DEL/-TEL	G24q-1/GX24q-1	2 x 12.5	ELXc 213.870	<b>188698</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	28.1	110.9
18	TC-DEL/-TEL	G24q-2/GX24q-2	1 x 16.5	ELXc 218.871	<b>188699</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	21.0	104.8
	TC-F/-L	2G10/2G11	1 x 16.0	ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	18.0	102.0
2x18	TC-DEL/-TEL	G24q-2/GX24q-2	2 x 16.5	ELXc 218.871	<b>188699</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	38.0	100.7
	TC-F/-L	2G10/2G11	2 x 16.0	ELXc 242.837	<b>188643</b>	220-240	A2 BAT	-20 to 50	max. 65	K3	35.0	104.3
				ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	34.0	98.0
22	T-R5	2GX13	1 x 22.0	ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	26.0	103.0
				ELXc 128.869	<b>188589</b>	220-240	A2 BAT	-20 to 50	max. 70	K2	25.0	96.7
22+40	T-R5	2GX13	1 x 22+40	ELXc 242.837	<b>188643</b>	220-240	A2 BAT	-20 to 50	max. 65	K3	68.0	100.0
2x22	T-R5	2GX13	2 x 22.0	ELXc 242.837	<b>188643</b>	220-240	A2 BAT	-20 to 50	max. 65	K3	48.5	105.8
24	TC-F/-L	2G10/2G11	1 x 22.0	ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	27.0	105.0
			1 x 22.5	ELXc 128.869	<b>188589</b>	220-240	A2	-20 to 50	max. 70	K2	25.0	95.8
2x24	TC-F/-L	2G10/2G11	2 x 22.0	ELXc 242.837	<b>188643</b>	220-240	A2 BAT	-20 to 50	max. 65	K3	48.5	106.2
				ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	47.0	102.0
26	TC-DEL/-TEL	G24q-3/GX24q-3	1 x 24.0	ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	26.0	104.0
2x26	TC-DEL/-TEL	G24q-3/GX24q-3	2 x 24.0	ELXc 242.837	<b>188643</b>	220-240	A2 BAT	-20 to 50	max. 65	K3	53.0	106.1
				ELXc 142.872	<b>188700</b>	220-240	A2 BAT	-20 to 50	max. 65	K2	53.0	105.0

Circuit diagrams see pages 220-223