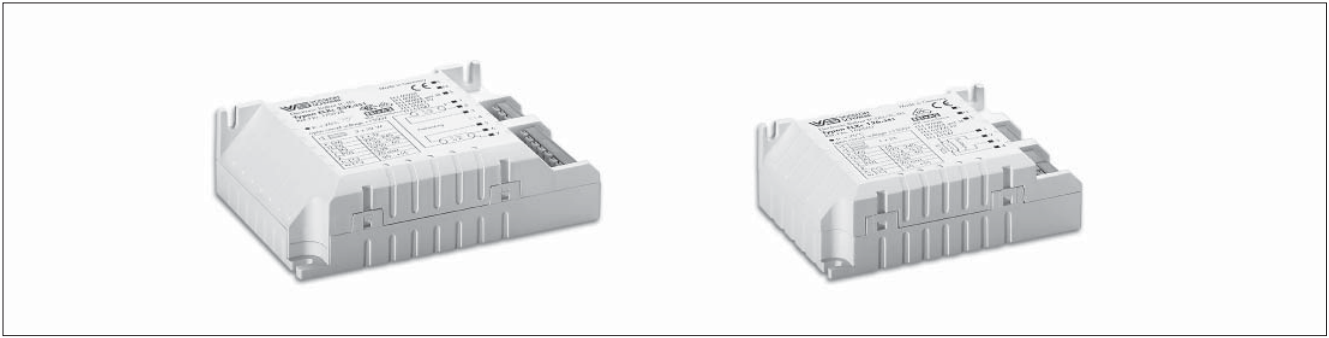


Electronic Ballasts for TC and T Lamps



ELXc – Warm start for compact fluorescent lamps Built-in ballasts

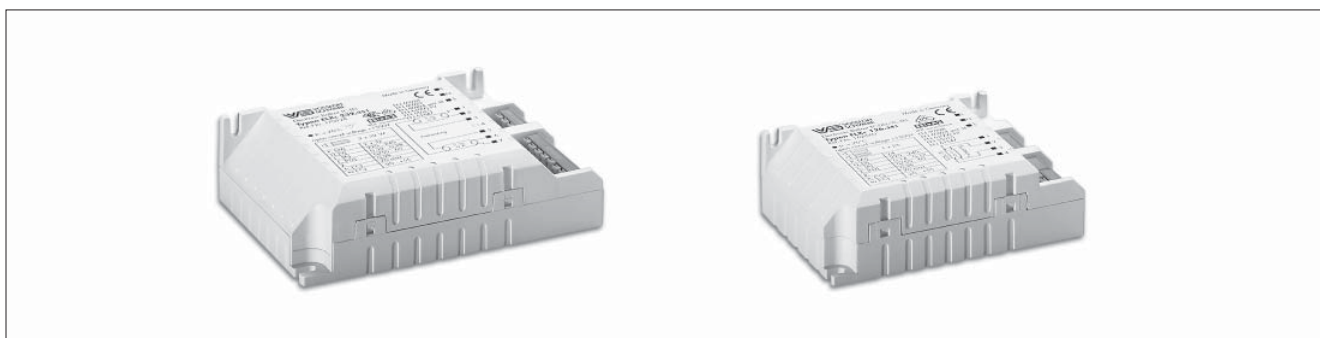
ELXc 213.870, 218.871, 142.872,
242.837, 155.378 have a second earth terminal
to ground the luminaires for example

- 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 _a (°C)	Casing temperature t _c (°C)	Casing	Output W	Luminous factor %
9	TC-SEL	2G7	1 x 8.0	ELXc 213.870	188698	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	188698	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	188698	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	188698	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	188698	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	188698	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	188698	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	188698	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	188699	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	188700	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	188699	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	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	35.0	104.3
				ELXc 142.872	188700	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	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	26.0	103.0
				ELXc 128.869	188589	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	188643	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	188643	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	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	27.0	105.0
			1 x 22.5	ELXc 128.869	188589	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	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	48.5	106.2
				ELXc 142.872	188700	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	188700	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	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	53.0	106.1
				ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	53.0	105.0

Circuit diagrams see pages 220-223

Electronic Ballasts for TC and T Lamps



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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 _a [°C]	Casing temperature t _c [°C]	Casing	Output W	Luminous factor %
28	TC-DD	GR10q	1 x 26.0	ELXc 128.869	188589	220-240	A2 BAT	-20 to 50	max. 70	K2	32.0	98.1
32	TC-TEL	GX24q-3	1 x 32.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	33.0	102.0
2x32	TC-TEL	GX24q-3	2 x 32.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	70.5	104.8
36	TC-F/L	2G10/2G11	1 x 32.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	34.0	105.0
2x36	TC-F/L	2G10/2G11	2 x 32.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	70.5	101.8
38	TC-DD	GR10q	1 x 36.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	38.0	95.0
2x38	TC-DD	GR10q	2 x 36.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	79.2	101.3
40	TC-L	2G11	1 x 40.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	43.0	99.0
	T-R5	2GX13	1 x 40.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	41.0	96.0
2x40	TC-L	2G11	2 x 40.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	88.0	101.3
	T-R5	2GX13	2 x 40.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	88.0	101.1
42	TC-TEL	GX24q-4	1 x 42.0	ELXc 142.872	188700	220-240	A2 BAT	-20 to 50	max. 65	K2	45.0	99.0
2x42	TC-TEL	GX24q-4	2 x 43.0	ELXc 242.837	188643	220-240	A2 BAT	-20 to 50	max. 65	K3	94.5	100.6
55	TC-L	2G11	1 x 55.6	ELXc 155.378	188680	220-240	A2 BAT	-20 to 50	max. 70	K3	60.0	102.4
	T-R5	2GX13	1 x 55.6	ELXc 155.378	188680	220-240	A2 BAT	-20 to 50	max. 70	K3	60.0	101.2
60	T-R5	2GX13	1 x 60.6	ELXc 155.378	188680	220-240	A2	-20 to 50	max. 70	K3	66.0	109.5
80	TC-L	2G11	1 x 80.5	ELXc 155.378	188680	220-240	A2 BAT	-20 to 50	max. 70	K3	88.0	101.3

Circuit diagrams see pages 220-223