

ELXs – Warm Start for T5 and T8 Lamps

Electronic built-in ballasts

Casing: heat-resistant polyamide

Power factor: approx. 0.6

(depending on the lamp output)

DC voltage operation: 198–264 V

Push-in terminals with lever opener: 0.5–1.5 mm²

RFI-suppressed

For luminaires of protection class I and II

Degree of protection: IP20

Fixing slots for screws M4

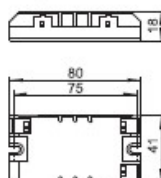
For lighting systems with high switching frequency (> 5/day)

EOL shut down approved

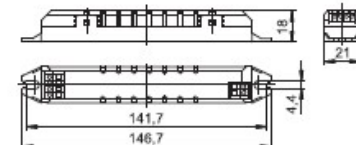
acc. to EN 61347 Test 2



K20



K21



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

Lamp				Electronic ballast							System
Output	Type	Base	Power consumption	Type	Ref. No.	Voltage AC	Energy efficiency	Ambient temperature	Casing temperature	Casing	Output
W			W			50, 60 Hz V±10%		t _a [°C]	t _c [°C]		W
For T5 lamps											
4	T5	G5	1 x 4.6	ELXs 116.900	188661	220-240	A3	-15 to 55	max. 75	K20	5.9
			1 x 4.6	ELXs 116.903	188662	220-240	A3	-15 to 55	max. 75	K21	5.9
6	T5	G5	1 x 6.0	ELXs 116.900	188661	220-240	A2	-15 to 55	max. 75	K20	7.5
			1 x 6.0	ELXs 116.903	188662	220-240	A2	-15 to 55	max. 75	K21	7.5
8	T5	G5	1 x 7.1	ELXs 116.900	188661	220-240	A2	-15 to 55	max. 75	K20	8.6
			1 x 7.1	ELXs 116.903	188662	220-240	A2	-15 to 55	max. 75	K21	8.6
13	T5	G5	1 x 12.0	ELXs 116.900	188661	220-240	A2	-15 to 55	max. 75	K20	13.1
			1 x 12.0	ELXs 116.903	188662	220-240	A2	-15 to 55	max. 75	K21	13.1
14	T5	G5	1 x 14.1	ELXs 121.901	188663	220-240	A2	-15 to 55	max. 80	K20	16.3
			1 x 14.1	ELXs 121.904	188664	220-240	A2	-15 to 55	max. 80	K21	16.3
21	T5	G5	1 x 19.1	ELXs 121.901	188663	220-240	A2	-15 to 55	max. 80	K20	21.8
			1 x 19.1	ELXs 121.904	188664	220-240	A2	-15 to 55	max. 80	K21	21.8
24	T5	G5	1 x 20.1	ELXs 124.902	188665	220-240	A2	-15 to 55	max. 85	K20	21.5
			1 x 20.1	ELXs 124.905	188666	220-240	A2	-15 to 55	max. 85	K21	21.5
For T8 lamps											
14	T8	G13	1 x 13.5	ELXs 124.902	188665	220-240	A2	-15 to 55	max. 85	K20	16.2
			1 x 13.5	ELXs 124.905	188666	220-240	A2	-15 to 55	max. 85	K21	16.2
15	T8	G13	1 x 14.1	ELXs 124.902	188665	220-240	A2	-15 to 55	max. 85	K20	17.6
			1 x 14.1	ELXs 124.905	188666	220-240	A2	-15 to 55	max. 85	K21	17.6
16	T8	G13	1 x 12.0	ELXs 116.900	188661	220-240	A2	-15 to 55	max. 75	K20	13.4
			1 x 12.0	ELXs 116.903	188662	220-240	A2	-15 to 55	max. 75	K21	13.4
18	T8	G13	1 x 15.9	ELXs 124.902	188665	220-240	A2	-15 to 55	max. 85	K20	18.5
			1 x 15.9	ELXs 124.905	188666	220-240	A2	-15 to 55	max. 85	K21	18.5

Circuit diagrams see pages 255–259

ELXs – Warm Start for Compact Fluorescent Lamps

Electronic built-in ballasts

Casing: heat-resistant polyamide

Power factor: approx. 0.6

(depending on the lamp output)

DC voltage operation: 198–264 V

Push-in terminals with lever opener: 0.5–1.5 mm²

RFI-suppressed

For luminaires of protection class I and II

Degree of protection: IP20

Fixing slots for screws M4

For lighting systems with

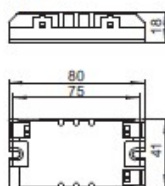
high switching frequency (> 5/day)

EOL shut down approved

acc. to EN 61347 Test 2



K20



K21



Lamp				Electronic ballast								System
Output W	Type	Base	Power consumption W	Type	Ref. No.	Voltage AC 50, 60 Hz V±10%	Energy efficiency	Ambient temperature t _a (°C)	Casing temperature t _c (°C)	Casing	Output W	
5	TC-SEL	2G7	1 x 5.0	ELXs 116.900	188661	220–240	A3	–15 to 55	max. 75	K20	6.1	
				ELXs 116.903	188662	220–240	A3	–15 to 55	max. 75	K21	6.1	
7	TC-SEL	2G7	1 x 6.4	ELXs 116.900	188661	220–240	A2	–15 to 55	max. 75	K20	7.5	
				ELXs 116.903	188662	220–240	A2	–15 to 55	max. 75	K21	7.5	
9	TC-SEL	2G7	1 x 8.0	ELXs 116.900	188661	220–240	A2	–15 to 55	max. 75	K20	8.8	
				ELXs 116.903	188662	220–240	A2	–15 to 55	max. 75	K21	8.8	
10	TC-DEL	G24q1	1 x 9.3	ELXs 116.900	188661	220–240	A2	–15 to 55	max. 75	K20	10.2	
	TC-DD	GR10q	1 x 9.3	ELXs 116.900	188661	220–240	A2	–15 to 55	max. 75	K20	10.3	
	TC-DEL	G24q1	1 x 9.3	ELXs 116.903	188662	220–240	A2	–15 to 55	max. 75	K21	10.2	
	TC-DD	GR10q	1 x 9.3	ELXs 116.903	188662	220–240	A2	–15 to 55	max. 75	K21	10.3	
11	TC-SEL	2G7	1 x 10.8	ELXs 116.900	188661	220–240	A2	–15 to 55	max. 75	K20	11.8	
				ELXs 116.903	188662	220–240	A2	–15 to 55	max. 75	K21	11.8	
13	TC-DEL/-TEL	G24q1/GX24q1	1 x 12.5	ELXs 121.901	188663	220–240	A2	–15 to 55	max. 80	K20	15.5	
				ELXs 121.904	188664	220–240	A2	–15 to 55	max. 80	K21	15.5	
16	TC-DD	GR10q	1 x 13.2	ELXs 116.900	188661	220–240	A3	–15 to 55	max. 75	K20	15.1	
				ELXs 116.903	188662	220–240	A3	–15 to 55	max. 75	K21	15.1	
18	TC-DEL/-TEL	G24q2/GX24q2	1 x 15.3	ELXs 121.901	188663	220–240	A2	–15 to 55	max. 80	K20	16.9	
				ELXs 121.904	188664	220–240	A2	–15 to 55	max. 80	K21	16.9	
	TC-F/L	2G10/2G11	1 x 16.0	ELXs 124.902	188665	220–240	A2	–15 to 55	max. 85	K20	17.9	
				ELXs 124.905	188666	220–240	A2	–15 to 55	max. 85	K21	17.9	
22	TR5	2GX13	1 x 19.1	ELXs 124.902	188665	220–240	A2	–15 to 55	max. 85	K20	21.2	
				ELXs 124.905	188666	220–240	A2	–15 to 55	max. 85	K21	21.2	
24	TC-F/L	2G10/2G11	1 x 20.0	ELXs 124.902	188665	220–240	A2	–15 to 55	max. 85	K20	21.4	
				ELXs 124.905	188666	220–240	A2	–15 to 55	max. 85	K21	21.4	
			1 x 20.8	ELXs 126.906	188667	220–240	A2	–15 to 55	max. 85	K20	22.9	
				ELXs 126.907	188668	220–240	A2	–15 to 55	max. 85	K21	22.9	
26	TC-DEL/-TEL	G24q3/GX24q3	1 x 21.5	ELXs 126.906	188667	220–240	A2	–15 to 55	max. 85	K20	23.4	
				ELXs 126.907	188668	220–240	A2	–15 to 55	max. 85	K21	23.4	

Circuit diagrams see pages 255–259