



Magnetic chokes
Compact lamps

EC 5–18 W 230 V 50 Hz



Figure 1:

- $t_w = 130\text{ °C}$
- push terminal 0.5–1.5 mm²

Figure 2:

- $t_w = 130\text{ °C}$
- ConCut – IDC terminal 0.5–1.5 mm²
- optimised for automated wiring in luminaires
- authorized for BJB and ALF automatic wiring machines

Packaging figure 1:

5 off, banded
2200 pieces/pallet

Packaging figure 2:

core stack length 50 and 54
5 off, banded
1400 pieces/pallet

core stack length 90
5 off, banded
1000 pieces/pallet

Figure 1

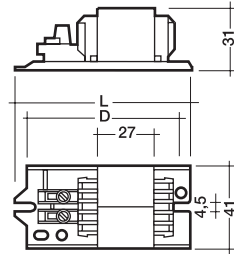
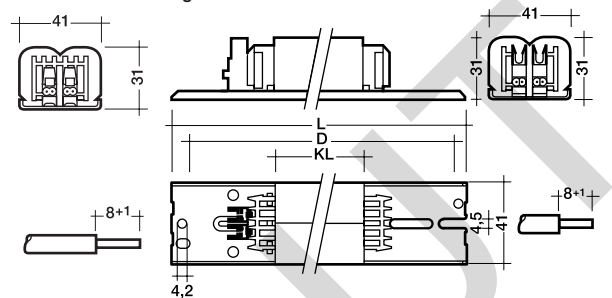


Figure 2



Certified:

EN 60921
EN 61347-1
EN 61347-2/8

Lamp			Choke									P. F. Correction			③
watt- age W	type	nominal lamp current A	type	article number	fig.	length L mm	core stack length KL mm	fixing centres D mm	weight kg	ΔT K	λ	parallel compensation capacitor $\mu\text{F} \pm 10\% 250\text{V}$	series comp. capacitor $\mu\text{F} \pm 4\%$		

Energy Efficiency Index EEI = B1

5	TC-S	0.180	EC 09 B27 230/50	20821657	1	84.5	27	74–80	0.30	40	0.25	2.0	0.05	–	A
7	TC-S	0.175	EC 09 B27 230/50	20821657	1	84.5	27	74–80	0.30	40	0.30	2.0	0.05	–	A
2x7	TC-S	0.17 ④	EC 13 B27 230/50	22116351	1	84.5	27	74–80	0.30	40	0.45	2.0	0.07	–	A
9	TC-S	0.170	EC 09 B27 230/50	20821657	1	84.5	27	74–80	0.30	35	0.34	2.0	0.06	–	A
2x9	TC-S	0.16 ④	EC 13 B27 230/50	22116351	1	84.5	27	74–80	0.30	35	0.55	1.5	0.09	–	A
10	TC-DD	0.180	EC 13 B27 230/50	22116351	1	84.5	27	74–80	0.30	40	0.38	2.0	0.06	–	A
11	TC-S	0.155	EC 09 B27 230/50	20821657	1	84.5	27	74–80	0.30	35	0.43	2.0	0.07	–	A
13	TC-D	0.165	EC 13 B27 230/50	22116351	1	84.5	27	74–80	0.30	40	0.44	2.0	0.07	–	A
16	TC-DD	0.195	EC 16 B27 230/50	20821698	1	84.5	27	74–80	0.30	45	0.45	2.0	0.10	–	A
18	TC-D	0.220	EC 18 B27 230/50	20821714	1	84.5	27	74–80	0.30	50	0.47	2.0	0.11	–	A
18	TC-L	0.370	EC 18 B501K 230/50	22148749	2	191	90	150–184	0.85	40	0.29	4.5	0.10	2.7 / 480 V	A
2x18	TC-L	0.40 ④	EC 36 B501K 230/50	22148758	2	191	90	150–184	0.85	30	0.46	4.5	0.20	3.4 / 450 V	A

Energy Efficiency Index EEI = B2

5	TC-S	0.180	EC 09 C101K 230/50	22148946	1	84.5	27	74–80	0.30	50	0.28	2.0	0.05	–	A
7	TC-S	0.175	EC 09 C101K 230/50	22148946	1	84.5	27	74–80	0.30	50	0.32	2.0	0.05	–	A
2x7	TC-S	0.190	EC 13 C101K 230/50	20821676	1	84.5	27	74–80	0.30	50	0.46	2.0	0.08	–	A
9	TC-S	0.170	EC 09 C101K 230/50	22148946	1	84.5	27	74–80	0.30	50	0.36	2.0	0.06	–	A
2x9	TC-S	0.190	EC 13 C101K 230/50	20821676	1	84.5	27	74–80	0.30	45	0.57	1.5	0.08	–	A
10	TC-D	0.190	EC 13 C101K 230/50	20821676	1	84.5	27	74–80	0.30	55	0.37	2.0	0.07	–	A
10	TC-DD	0.180	EC 13 C101K 230/50	20821676	1	84.5	27	74–80	0.30	50	0.39	2.0	0.07	–	A
11	TC-S	0.155	EC 09 C101K 230/50	22148946	1	84.5	27	74–80	0.30	40	0.47	2.0	0.07	–	A
13	TC-D	0.175	EC 13 C101K 230/50	20821676	1	84.5	27	74–80	0.30	50	0.45	2.0	0.08	–	A
16	TC-DD	0.195	EC 16 C101K 230/50	20887799	1	84.5	27	74–80	0.30	50	0.48	2.0	0.09	–	A
18	TC-D	0.220	EC 18 TCD C101K 230/50	20887802	1	84.5	27	74–80	0.30	55	0.49	2.0	0.11	–	A
18	TC-L	0.370	EC 18 LC501K 230/50	22115859	2	151	54	110–144	0.55	55	0.33	4.5	0.13	2.7 / 480 V	A
2x18	TC-L	0.40 ④	EC 36 LC501K 230/50	22115862	2	151	54	110–144	0.55	50	0.44	4.5	0.20	3.4 / 450 V	A

② $\cos \phi > 0.9$; ③ A ... standard article, B ... on request; ④ lamp current, measured in parallel connection

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Compact lamps

Lamp			Choke									P. F. Correction			③
watt-age W	type	nominal lamp current A	type	article number	fig.	length L mm	core stack length KL mm	fixing centres D mm	weight kg	ΔT K	λ	parallel compensation capacitor $\mu F \pm 10\% 250V$	② line current A	series comp. capacitor $\mu F \pm 4\%$	

Energy Efficiency Index EEI = C

5	TC-S	0.180	EC 09 A27 230/50	20563005	1	84.5	27	74-80	0.30	50	0.28	2.0	0.05	-	A
7	TC-S	0.175	EC 09 A27 230/50	20563005	1	84.5	27	74-80	0.30	50	0.32	2.0	0.05	-	A
2x7	TC-S	0.17 ④	EC 13 A27 230/50 ①	20563014	1	84.5	27	74-80	0.30	50	0.47	2.0	0.08	-	B
9	TC-S	0.170	EC 09 A27 230/50	20563005	1	84.5	27	74-80	0.30	50	0.36	2.0	0.06	-	A
2x9	TC-S	0.16 ④	EC 13 A27 230/50 ①	20563014	1	84.5	27	74-80	0.30	50	0.58	1.5	0.08	-	B
10	TC-D	0.190	EC 13 A27 230/50 ①	20563014	1	84.5	27	74-80	0.30	55	0.37	2.0	0.07	-	B
10	TC-DD	0.180	EC 13 A27 230/50 ①	20563014	1	84.5	27	74-80	0.30	55	0.39	2.0	0.07	-	B
11	TC-S	0.155	EC 09 A27 230/50	20563005	1	84.5	27	74-80	0.30	40	0.47	2.0	0.07	-	A
13	TC-D	0.175	EC 13 A27 230/50 ①	20563014	1	84.5	27	74-80	0.30	50	0.47	2.0	0.08	-	B
16	TC-DD	0.195	EC 16 A27 230/50 ①	20563020	1	84.5	27	74-80	0.30	50	0.48	2.0	0.10	-	B
18	TC-D	0.220	EC 18 A27 230/50 ①	20563036	1	84.5	27	74-80	0.30	55	0.49	2.0	0.11	-	B
18	TC-L	0.370	EC 18 A501K 230/50 ①	22148441	2	151	50	110-144	0.55	55	0.32	4.5	0.13	2.7 / 480 V	B
2x18	TC-L	0.40 ④	EC 36 A501K 230/50 ①	22116285	2	151	50	110-144	0.50	50	0.48	4.5	0.20	3.4 / 450 V	B

① no CE marking according to EC Directive 2000/55/EC; ② $\cos \varphi > 0.9$; ③ A ... standard article, B ... on request; ④ lamp current, measured in parallel connection