



Magnetic chokes
Compact lamps

EC 5–18 W 240 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

Figure 1

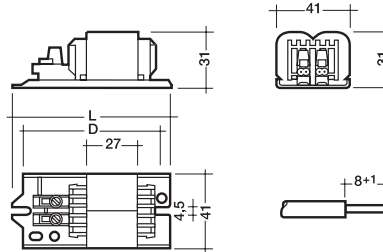
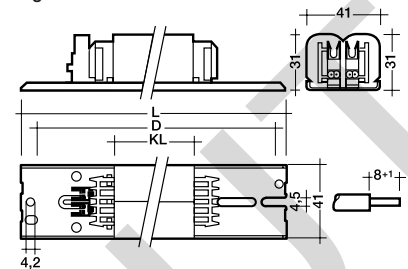


Figure 2



Packaging figure 1:

5 off, banded
2200 pieces/pallet

Packaging figure 2:

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

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

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 $\mu\text{F} \pm 10\%$ 250V	② line current A	series comp. capacitor $\mu\text{F} \pm 4\%$	

Energy Efficiency Index EEI = B1

5	TC-S	0.180	EC 09 B27 240/50	20821660	1	84.5	27	74–80	0.300	50	0.25	2.0	0.05	–	A
7	TC-S	0.175	EC 09 B27 240/50	20821660	1	84.5	27	74–80	0.300	45	0.29	2.0	0.05	–	A
2x7	TC-S	0.17 ④	EC 13 B27 240/50	22116865	1	84.5	27	74–80	0.300	40	0.44	2.0	0.07	–	A
2x7	TC-S	0.175	EC 13 LB502K 240/50	22148763	2	151	50	110–144	0.500	30	0.41	2.0	0.07	–	A
9	TC-S	0.170	EC 09 B27 240/50	20821660	1	84.5	27	74–80	0.300	40	0.34	2.0	0.06	–	A
2x9	TC-S	0.16 ④	EC 13 B27 240/50	22116865	1	84.5	27	74–80	0.300	40	0.52	1.5	0.09	–	A
2x9	TC-S	0.170	EC 13 LB502K 240/50	22148763	2	151	50	110–144	0.500	30	0.48	2.0	0.09	–	A
10	TC-DD	0.180	EC 13 B27 240/50	22116865	1	84.5	27	74–80	0.300	45	0.36	2.0	0.06	–	A
10	TC-D	0.190	EC 13 LB502K 240/50	22148763	2	151	50	110–144	0.500	35	0.30	2.0	0.06	–	A
10	TC-DD	0.180	EC 13 LB502K 240/50	22148763	2	151	50	110–144	0.500	30	0.34	2.0	0.06	–	A
11	TC-S	0.155	EC 09 B27 240/50	20821660	1	84.5	27	74–80	0.300	40	0.39	2.0	0.07	–	A
13	TC-D	0.165	EC 13 B27 240/50	22116865	1	84.5	27	74–80	0.300	40	0.42	2.0	0.07	–	A
13	TC-D	0.175	EC 13 LB502K 240/50	22148763	2	151	50	110–144	0.500	30	0.40	2.0	0.07	–	A
16	TC-DD	0.195	EC 16 B27 240/50	20821705	1	84.5	27	74–80	0.300	45	0.44	2.0	0.09	–	A
18	TC-D	0.220	EC 18 B27 240/50	20821720	1	84.5	27	74–80	0.300	60	0.44	2.0	0.10	–	A
18	TC-D	0.220	EC 18 TCD LB502K 240/50	22148766	2	151	50	110–144	0.500	35	0.41	2.0	0.08	–	A
18	TC-L	0.375	EC 18 B502K 240/50	22148765	2	191	90	150–184	0.850	30	0.29	4.0	0.10	–	A
2x18	TC-L	0.40 ④	EC 36 B502K 240/50	22148771	2	191	90	150–184	0.850	30	0.44	4.0	0.18	–	A

Energy Efficiency Index EEI = B2

5	TC-S	0.180	EC 09 C102K 240/50	22149307	1	84.5	27	74–80	0.300	60	0.28	2.0	0.05	–	A
7	TC-S	0.175	EC 09 C102K 240/50	22149307	1	84.5	27	74–80	0.300	55	0.31	2.0	0.05	–	A
2x7	TC-S	0.175	EC 13 C102K 240/50	20821682	1	84.5	27	74–80	0.330	40	0.45	2.0	0.08	–	A
9	TC-S	0.170	EC 09 C102K 240/50	22149307	1	84.5	27	74–80	0.300	50	0.36	2.0	0.06	–	A
2x9	TC-S	0.170	EC 13 C102K 240/50	20821682	1	84.5	27	74–80	0.330	40	0.52	2.0	0.08	–	A
10	TC-D	0.190	EC 13 C102K 240/50	20821682	1	84.5	27	74–80	0.330	50	0.34	2.0	0.07	–	A
10	TC-DD	0.180	EC 13 C102K 240/50	20821682	1	84.5	27	74–80	0.330	45	0.36	2.0	0.07	–	A
11	TC-S	0.155	EC 09 C102K 240/50	22149307	1	84.5	27	74–80	0.300	40	0.44	2.0	0.07	–	A
13	TC-D	0.175	EC 13 C102K 240/50	20821682	1	84.5	27	74–80	0.330	45	0.45	2.0	0.08	–	A
16	TC-DD	0.195	EC 16 C102K 240/50	22115480	1	84.5	27	74–80	0.300	55	0.46	2.0	0.09	–	A
18	TC-D	0.220	EC 18 TCD C102K 240/50	22149235	1	84.5	27	74–80	0.300	55	0.46	2.0	0.10	–	A
18	TC-L	0.375	EC 18 LC502K 240/50	22148708	2	151	54	110–144	0.540	50	0.30	4.0	0.11	–	A
2x18	TC-L	0.40 ④	EC 36 LC502K 240/50	22148709	2	151	54	110–144	0.548	50	0.49	4.0	0.21	–	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 240/50	20294646	1	84.5	27	74-80	0.300	60	0.28	2.0	0.05	-	A
7	TC-S	0.175	EC 09 A27 240/50	20294646	1	84.5	27	74-80	0.300	55	0.31	2.0	0.05	-	A
2x7	TC-S	0.175	EC 13 A27 240/50 ①	20294719	1	84.5	27	74-80	0.300	40	0.45	2.0	0.08	-	B
9	TC-S	0.170	EC 09 A27 240/50	20294646	1	84.5	27	74-80	0.300	50	0.36	2.0	0.06	-	A
2x9	TC-S	0.170	EC 13 A27 240/50 ①	20294719	1	84.5	27	74-80	0.300	40	0.52	2.0	0.08	-	B
10	TC-D	0.190	EC 13 A27 240/50 ①	20294719	1	84.5	27	74-80	0.300	50	0.34	2.0	0.07	-	B
10	TC-DD	0.180	EC 13 A27 240/50 ①	20294719	1	84.5	27	74-80	0.300	45	0.36	2.0	0.06	-	B
11	TC-S	0.155	EC 09 A27 240/50	20294646	1	84.5	27	74-80	0.300	40	0.44	2.0	0.07	-	A
13	TC-D	0.175	EC 13 A27 240/50 ①	20294719	1	84.5	27	74-80	0.300	45	0.45	2.0	0.08	-	B
16	TC-DD	0.195	EC 16 A27 240/50 ①	20294652	1	84.5	27	74-80	0.300	55	0.46	2.0	0.09	-	B
18	TC-D	0.220	EC 18 A27 240/50 ①	20305399	1	84.5	27	74-80	0.300	55	0.46	2.0	0.10	-	B
18	TC-L	0.375	EC 18 A502K 240/50 ①	22115884	2	151	50	110-144	0.500	60	0.33	4.0	0.12	-	B
2x18	TC-L	0.40 ④	EC 36 A502K 240/50 ①	22115890	2	151	50	110-144	0.500	50	0.49	4.0	0.20	-	B

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