

Electromagnetic Ballasts for CFL Lamps



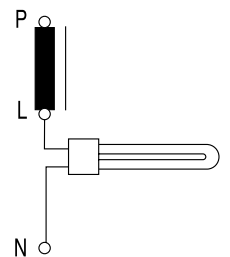
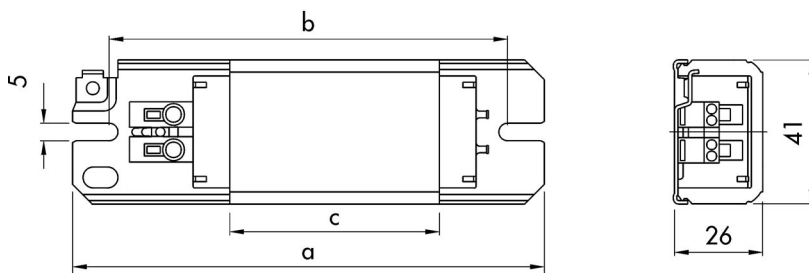
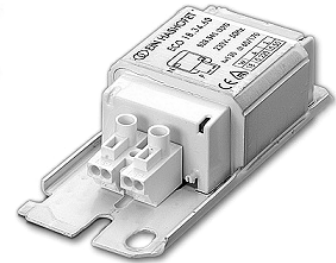
For lamp types TC-S, TC-D, TC-T, T-R, TC-DD

Push-in terminals 0.5 - 1.5 mm²

tw 130

Protection group I

Acc. to EN 61347/60921



(Ballasts for 110V - 220V)

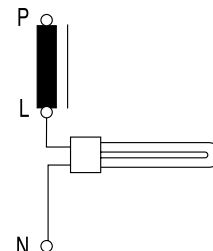
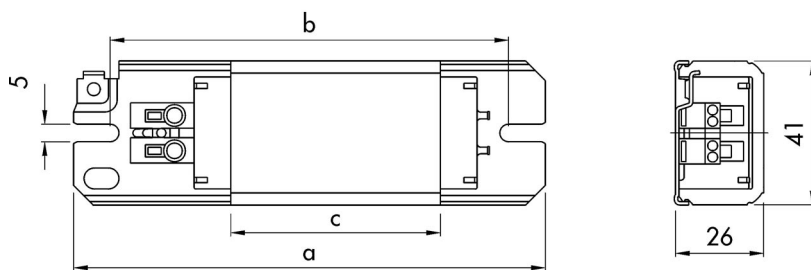
Lamp			Ballast								Capacitor (Cp)	
Rated Power	Type	Rated Current	Type	Ref. No.	V, Hz	T / ΔTab (IEC)	Weight	Dimensions			EEI	μF±10% / V
W		A				°C	Kg	a	b	c		
								mm	mm	mm		
5	TC-S	0.180	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
5	TC-S	0.180	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
7	TC-S	0.175	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
7	TC-S	0.175	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
9	TC-S	0.170	L9.206	928.206	120, 60	30/50	0.32	100	85	34	-	3 / 120
9	TC-S	0.170	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
9	TC-S	0.170	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
11	TC-S	0.155	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
11	TC-S	0.155	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
13	TC-S	0.285	L13.524	928.524	110, 60	30/65	0.32	100	85	34	-	5 / 120
13	TC-S	0.285	L13.524	928.524	110, 60	30/65	0.32	100	85	34	-	5 / 120
13	TC-S	0.285	L13.523	928.523	120, 60	35/65	0.32	100	85	34	-	5 / 120
13	TC-D	0.165	L13.150	928.150	127, 60	35/70	0.32	100	85	34	-	5 / 120
22	T-R5 (T-R16)	0.400	L22.156	928.156	220, 60	65/100	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L18.137	928.137	220, 60	60/90	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L18.159	928.159	220, 50	70/105	0.51	155	137	60	-	5 / 250
28	TC-DD	0.320	L18.137	928.137	220, 60	60/90	0.51	155	137	60	-	4 / 250
28	TC-DD	0.320	L18.159	928.159	220, 50	70/105	0.51	155	137	60	-	5 / 250
32	T-R	0.450	L32.138	928.138	220, 60	70/115	0.51	155	137	60	-	4 / 250

Screw terminals are available on request.

Other types are available on request.

Electromagnetic Ballasts for CFL Lamps

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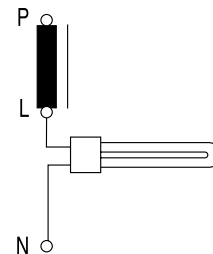
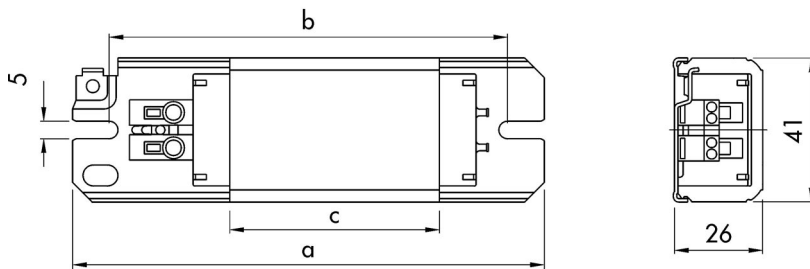
(Ballasts for 230V, 5W-11W)

Lamp			Ballast								Capacitor (Cp)	
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz	$\Delta T / \Delta T_{ab}$ (IEC) °C	Weight Kg	Dimensions			EEI	$\mu F \pm 10\% / V$
								a mm	b mm	c mm		
5	TC-S	0.180	L 7/9/11.510	928.510	230, 50	50/75	0.32	100	85	34	-	2 / 250
2x5	TC-S	0.180	L 13.200	928.200	230, 50	60/85	0.32	100	85	34	C	2 / 250
2x5	TC-S	0.180	L 13.101	928.520	230, 50	60/85	0.32	100	85	34	-	2 / 250
2x5	TC-S	0.180	L 13.201	928.201	230, 50	55/80	0.32	100	85	34	B2	2 / 250
2x5	TC-S	0.180	L 5.628	928.628	230, 60	50/70	0.32	100	85	34	-	2 / 250
7	TC-S	0.175	L 7/9/11.510	928.510	230, 50	50/75	0.32	100	85	34	-	2 / 250
2x7	TC-S	0.175	L 13.200	928.200	230, 50	60/85	0.32	100	85	34	C	2 / 250
2x7	TC-S	0.175	L 13.101	928.520	230, 50	60/85	0.32	100	85	34	-	2 / 250
2x7	TC-S	0.175	L 13.201	928.201	230, 50	55/80	0.32	100	85	34	B2	2 / 250
9	TC-S	0.170	L 7/9/11.510	928.510	230, 50	50/75	0.32	100	85	34	-	2 / 250
2x9	TC-S	0.170	L 13.200	928.200	230, 50	60/85	0.32	100	85	34	C	2 / 250
2x9	TC-S	0.170	L 13.101	928.520	230, 50	60/85	0.32	100	85	34	-	2 / 250
2x9	TC-S	0.170	L 13.201	928.201	230, 50	55/80	0.32	100	85	34	B2	2 / 250
10	TC-D	0.190	L 13.200	928.200	230, 50	60/85	0.32	100	85	34	C	2 / 250
10	TC-D	0.190	L 13.101	928.520	230, 50	60/85	0.32	100	85	34	-	2 / 250
10	TC-D	0.190	L 13.201	928.201	230, 50	55/80	0.32	100	85	34	B2	2 / 250
11	TC-S	0.155	L 7/9/11.510	928.510	230, 50	50/75	0.32	100	85	34	-	2 / 250

Screw terminals are available on request.
Other types are available on request.

Electromagnetic Ballasts for CFL Lamps

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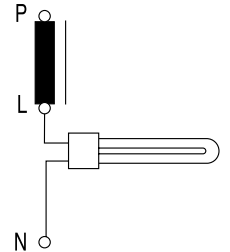
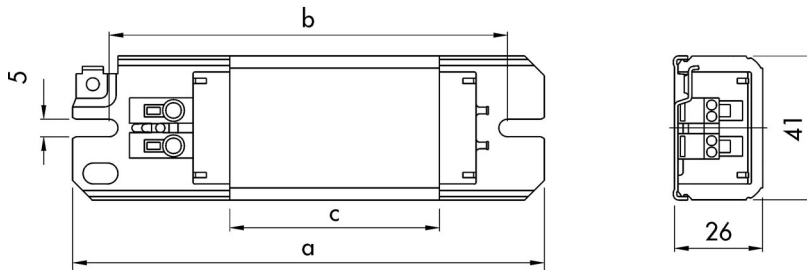
(Ballasts for 230V, 13W-38W)

Lamp			Ballast								Capacitor (Cp)	
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz	$\Delta T / \Delta T_{ab}$ (IEC) °C	Weight Kg	Dimensions			EEI	$\mu F \pm 10\% / V$
								a mm	b mm	c mm		
13	TC-S	0.285	L 13.623	928.613	230, 50	55/80	0.51	155	137	60	-	4 / 250
2x13	TC-S	0.285	L 13.623	928.623	230, 50	45/85	0.51	155	137	60	-	2.5 / 250
2x13	TC-S	0.285	L 13.623	928.623	230, 50	45/85	0.51	155	137	60	-	2.5 / 250
13	TC-D	0.175	L 13.200	928.200	230, 50	60/85	0.32	100	85	34	C	2 / 250
13	TC-D	0.175	L 13.101	928.520	230, 50	60/85	0.32	100	85	34	-	2 / 250
13	TC-D	0.175	L 13.201	928.201	230, 50	55/80	0.32	100	85	34	B2	2 / 250
16	TC-DD	0.195	L 16.627	928.627	230, 50	50/115	0.32	100	85	34	-	2 / 250
18	TC-D	0.220	L 18.618	928.618	230, 50	40/70	0.51	155	137	60	-	2.5 / 250
18	TC-D	0.220	L 18.540	928.540	230, 50	60/145	0.32	100	85	34	-	2.5 / 250
21	TC-DD	0.260	L 21.621	928.621	230, 50	45/85	0.51	155	137	60	-	2.5 / 250
22	T-R5 (T-R16)	0.400	L 22.196	928.196	230, 50	70/105	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L 18.620	928.620	230, 50	70/105	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L 18.209	928.209	230, 50	50/95	0.52	155	137	66	B2	4 / 250
26	TC-D/TC-T	0.325	L 18.211	928.211	230, 50	65/100	0.51	155	137	60	C	4 / 250
28	TC-DD	0.320	L 18.620	928.620	230, 50	70/105	0.51	155	137	60	C	4 / 250
28	TC-DD	0.320	L 18.209	928.209	230, 50	50/95	0.52	155	137	66	B2	4 / 250
28	TC-DD	0.320	L 18.211	928.211	230, 50	65/100	0.51	155	137	60	C	4 / 250
32	T-R	0.450	L 32.640	928.640	230, 50	80/160	0.51	155	137	60	-	5 / 250
38	TC-DD	0.430	L 36.660	928.660	230, 50	70/190	0.85	195	177	103	-	4 / 250

Screw terminals are available on request.
Other types are available on request.

Electromagnetic Ballasts for CFL Lamps

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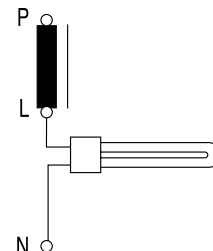
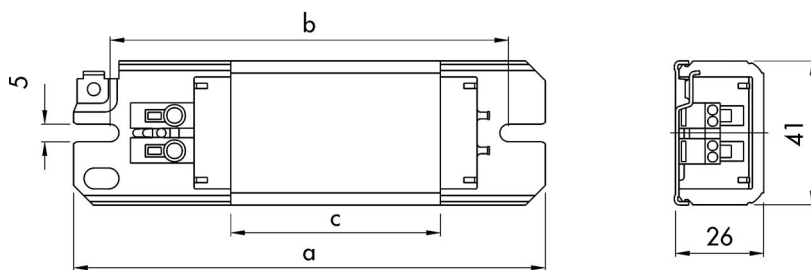
(Ballasts for various mains, 5W-32W)

Lamp			Ballast								Capacitor (Cp)	
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz	$\Delta T / \Delta T_{ab}$ (IEC) °C	Weight Kg	Dimensions			EEI	μF±10% / V
								a	b	c		
5	TC-S	0.180	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
5	TC-S	0.180	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
7	TC-S	0.175	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
7	TC-S	0.175	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
9	TC-S	0.170	L9.206	928.206	120, 60	30/50	0.32	100	85	34	-	3 / 120
9	TC-S	0.170	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
9	TC-S	0.170	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
11	TC-S	0.155	L7/9/11.149	928.149	127, 60	25/35	0.32	100	85	34	-	2.5 / 120
11	TC-S	0.155	L7/9/11.151	928.151	220, 60	50/70	0.32	100	85	34	-	2 / 250
13	TC-S	0.285	L13.524	928.524	110, 60	30/65	0.32	100	85	34	-	5 / 120
13	TC-S	0.285	L13.524	928.524	110, 60	30/65	0.32	100	85	34	-	5 / 120
13	TC-S	0.285	L13.523	928.523	120, 60	35/65	0.32	100	85	34	-	5 / 120
13	TC-D	0.175	L13.150	928.150	127, 60	35/70	0.32	100	85	34	-	5 / 120
22	T-R5 (T-R16)	0.400	L22.156	928.156	220, 60	65/100	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L18.137	928.137	220, 60	60/90	0.51	155	137	60	-	4 / 250
26	TC-D/TC-T	0.325	L18.159	928.159	220, 50	70/105	0.51	155	137	60	-	5 / 250
28	TC-DD	0.320	L18.137	928.137	220, 60	60/90	0.51	155	137	60	-	4 / 250
28	TC-DD	0.320	L18.159	928.159	220, 50	70/105	0.51	155	137	60	-	5 / 250
32	T-R	0.450	L32.138	928.138	220, 60	70/115	0.51	155	137	60	-	4 / 250

Screw terminals are available on request.
Other types are available on request.

Electromagnetic Ballasts for CFL Lamps

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(Ballasts for 240V, 11W-32W)

Lamp			Ballast								Capacitor (Cp)	
Rated Power W	Type	Rated Current A	Type	Ref. No.	V, Hz	$\Delta T / \Delta T_{\text{tab}}$ (IEC) °C	Weight Kg	Dimensions			EEI	$\mu\text{F} \pm 10\% / \text{V}$
								a mm	b mm	c mm		
11	TC-S	0.155	L7/9/11.153	928.153	240, 50	50/75	0.32	100	85	34	-	2 / 250
13	TC-D	0.175	L 13.152	928.152	240, 50	65/90	0.32	100	85	34	-	2 / 250
13	TC-D	0.175	L 13.522	928.522	240, 50	65/90	0.32	100	85	34	C	2 / 250
13	TC-D	0.175	L 13.550	928.550	240, 50	55/85	0.32	100	85	34	B2	2 / 250
2x13	TC-S	0.285	L 13.624	928.624	240, 50	50/95	0.51	155	137	60	-	2.5 / 250
2x13	TC-S	0.285	L 13.624	928.624	240, 50	50/95	0.51	155	137	60	-	2.5 / 250
16	TC-DD	0.195	L 16.530	928.530	240, 50	55/120	0.32	100	85	34	-	2 / 250
18	TC-D	0.220	L 18.163	928.163	240, 50	60/140	0.32	100	85	34	-	2 / 250
26	TC-D/TC-T	0.325	L 18.216	928.216	240, 50	70/105	0.51	155	137	60	C	4 / 250
26	TC-D/TC-T	0.325	L 18.213	928.213	240, 50	55/95	0.52	155	137	66	B2	4 / 250
28	TC-DD	0.320	L 18.216	928.216	240, 50	70/105	0.51	155	137	60	C	4 / 250
28	TC-DD	0.320	L 18.213	928.213	240, 50	55/95	0.52	155	137	66	B2	4 / 250
32	T-R	0.450	L 32.229	928.229	240, 50	70/130	0.51	155	137	60	-	5 / 250

Screw terminals are available on request.
Other types are available on request.