



TRIDONIC

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Catalogue 2012

Magnetic chokes for fluorescent lamps

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Product information

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EC series

Suitable for lamp type

230 V 50 Hz

EC 4 – 85 W, push-in terminal	Page 8	T5	T8	CFL
EC 15 – 75 W, ConCut / IDC terminal	Page 10	•	•	•

240 V 50 Hz

EC 4 – 26 W, push-in terminal	Page 12	•	•	•
EC 15 – 75 W, ConCut / IDC terminal	Page 14	•	•	•

ETAWATT series

230 V 50 Hz

ETAWATT 18 – 58 W	Page 16		•	•
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EC series, protection class II

230 V 50 Hz

EC 18 – 28 W	Page 17		•	•
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Product overview

**EC**

Lamp types: T5, T8, T12, TC-L,
TC-S, TC-D, TC-DD

Magnetic chokes for linear and compact fluorescent lamps:

- Max. winding temperature $t_w = 130\text{ °C}$
- Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
- Additional types on request

**ETAWATT**

Lamp types: T8, T12, TC-L,
TC-D, TC-DD

Magnetic chokes for linear and compact fluorescent lamps:

- Max. winding temperature $t_w = 130\text{ °C}$
- Plug terminal $0.5 - 1.5\text{ mm}^2$ for rigid wires

**EC (SK 2)**

Lamp types: T5, T8, TC-L,
TC-S, TC-D, TC-DD

Magnetic chokes, encapsulated, with reinforced insulation
for class II applications:

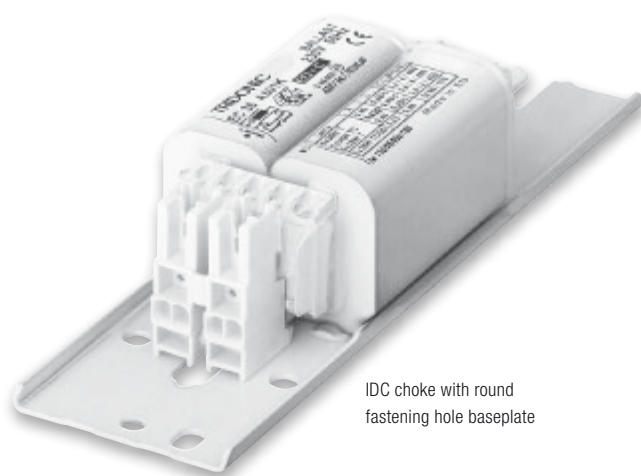
- Max. winding temperature $t_w = 130\text{ °C}$
- Plug terminal $0.5 - 1.5\text{ mm}^2$ for rigid wires
- Irreversible thermal cutout
- Trigger value, thermal protection 150 °C

Standards

					EN 60921	EN 61347-1	EN 61347-2/8
Series	Voltage	Connection technology	Type	Page			
EC	230 V	push-in terminal	EC 4 – 85 W	Page 8	•	•	•
		ConCut / IDC terminal	EC 15 – 75 W	Page 10	•	•	•
	240 V	push-in terminal	EC 4 – 26 W	Page 12	•	•	•
		ConCut / IDC terminal	EC 15 – 75 W	Page 14	•	•	•
ETAWATT	230 V	push-in terminal	ETAWATT 18 – 58 W	Page 16	•	•	•
EC – SK II	230 V	push-in terminal	EC 18 – 28 W	Page 17	•		•

Magnetic chokes for fluorescent lamps

EC magnetic chokes for fluorescent lamps, compact fluorescent lamps and the luminaire insets for compact fluorescent lamps UEC are robust and extremely cost-effective solutions with long lives. The wide range of low-loss chokes in energy efficiency classes B2 and B1 from Tridonic covers all the relevant applications and ensures that the lamps are operated as specified.



IDC choke with round fastening hole baseplate

All EC magnetic chokes for luminaire installation are characterised by minimal energy consumption, compact windings, optimised dimensions and high-quality materials.

In temperature-sensitive applications, the EEI = B1 version offers additional benefits thanks to its lower energy consumption and 15 K lower self-heating.

Optimised for specified lamp operation

EC magnetic chokes ensure that the preheating current, ignition voltage and lamp current all remain within the specified tolerances for optimum operation of fluorescent lamps.

Long lamp life can only be achieved by preheating the electrodes before the ignition voltage is applied to the lamp. The EC units heat to precisely the right temperature because if the preheat current is too low or too high the lamp electrodes will be destroyed and the life of the lamp cut short.

The chokes ensure a sufficiently high ignition voltage after the preheat phase by opening a glow starter or electronic starter. The latter automatically selects the right time to open the starter to reliably ignite the lamp at very high or very low ambient temperatures.

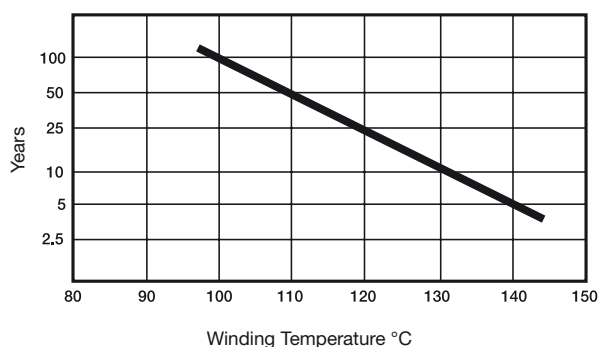
The EC chokes are designed to very narrow tolerances so the impedance perfectly limits the lamp current and maximum luminous flux is achieved.

The low magnetic leakage field – and therefore the very low noise emission – means that the magnetic chokes from Tridonic can be placed near electrical equipment that is sensitive to interference.

Design for long life

Because of their high-quality insulation material, coil core and copper wire, chokes in the EC series from Tridonic achieve a nominal life of approximately 100,000 hours of operation, in other words about ten years of constant use at a winding temperature of 130 °C ($t_w = 130$ °C).

The winding temperature is the ambient temperature plus the increase in temperature due to the power consumption of the unit. A change in temperature of 10 °C down or up leads to a doubling or halving of the life of the unit.



Constant high quality

Uniform high quality standards are guaranteed by the use of high-grade materials together with manufacturing processes certified to ISO 9001. Fully automatic manufacture also ensures constant reproducible quality. All the chokes are subjected to 100 % final testing and safety testing.

Standards and approval marks

EC magnetic chokes from Tridonic are ENEC certified, carry the CE mark and meet all the relevant European as well as international standards relating to safety, operation and electro-magnetic compatibility (EMC).

Lamp matrix

Which control gear for which lamp?

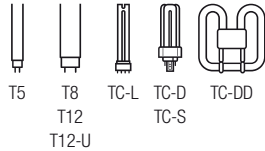
The latest lamp matrix is available on the internet: www.tridonic.com, menu "Technical data", submenu "Lamp matrix"

Technical information

The latest technical information is available on the internet at: www.tridonic.com, menu "Technical data", submenu "Data sheets"

Personal enquiries

A form for personal enquiries is available on the internet at: www.tridonic.com, menu "Contact", submenu "Contact form"



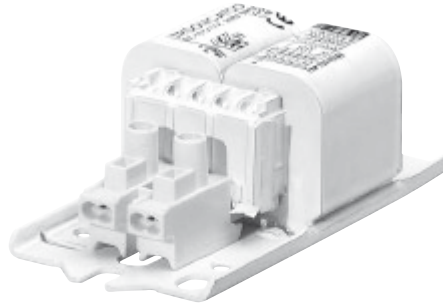
EC 4 – 85 W, push-in terminal 230 V 50 Hz

Product description

- Magnetic chokes for fluorescent lamps
 - Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
 - Additional types on request
- For product data sheet go to www.tridonic.com,
or available on request

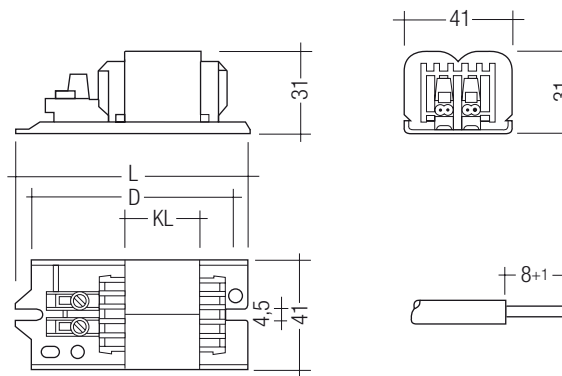
Technical data

Rated voltage	230 V, 50 Hz
Max. winding temperature t_w	130 °C
Push-in terminal	0.5 – 1.5 mm ² for rigid wires



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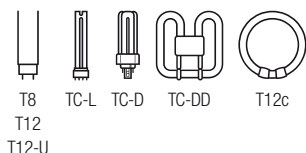


Ordering data

Type	Article number	Packaging	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
EC 8 C101K 230/50 027A084	22148945	5 pieces strapped	2,200 pieces	0.30 kg
EC 09 C101K 230/50 027A084	22148946	5 pieces strapped	2,200 pieces	0.30 kg
EC 13 C101K 230/50 027A084	20821676	5 pieces strapped	2,200 pieces	0.30 kg
EC 16 C101K 230/50 027A084	20887799	5 pieces strapped	2,200 pieces	0.30 kg
EC 18 LC111K 230/50 054A110	22148943	5 pieces strapped	1,400 pieces	0.50 kg
EC 18 TCD C101K 230/50 027A084	20887802	5 pieces strapped	2,200 pieces	0.30 kg
EC 36 LC111K 230/50 054A110	22116601	5 pieces strapped	1,400 pieces	0.50 kg
EC 58 C141K 230/50 090A155	22175010	5 pieces strapped	1,000 pieces	0.85 kg
EC 80/85 C140 230/50 140A231	22175020	5 pieces strapped	600 pieces	1.30 kg
Energy Efficiency Index EEI = B1				
EC 09 B27 230/50 027A084	20821657	5 pieces strapped	2,200 pieces	0.30 kg
EC 13 B27 230/50 027A084	22116351	5 pieces strapped	2,200 pieces	0.30 kg
EC 16 B27 230/50 027A084	20821698	5 pieces strapped	2,200 pieces	0.30 kg
EC 18 B27 230/50 027A084	20821714	5 pieces strapped	2,200 pieces	0.30 kg
EC 30 LB103K 230/50 090A151	20889548	5 pieces strapped	1,000 pieces	0.84 kg
EC 40 B 90 230/50 090A155	20561465	5 pieces strapped	1,000 pieces	0.83 kg
EC 65 B140 230/50 140A231	22175030	5 pieces strapped	600 pieces	1.30 kg

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Hole spacing D	Core length KL	ΔT	λ	Compensation, parallel ($\cos \varphi > 0.9$)	
										Capacitor $\pm 10\%$ 250 V	Mains current
Energy Efficiency Index EEI = B2											
1 x 4 W	T5	0.170 A	EC 8 C101K	22148945	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.25	2.0 μ F	0.04 A
1 x 6 W	T5	0.160 A	EC 8 C101K	22148945	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.30	2.0 μ F	0.05 A
1 x 8 W	T5	0.145 A	EC 8 C101K	22148945	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.35	2.0 μ F	0.06 A
2 x 6 W	T5	0.160 A	EC 8 C101K	22148945	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.44	2.0 μ F	0.05 A
2 x 4 W	T5	0.170 A	EC 8 C101K	22148945	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.34	2.0 μ F	0.05 A
1 x 5 W	TC-S	0.180 A	EC 09 C101K	22148946	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.28	2.0 μ F	0.05 A
1 x 7 W	TC-S	0.175 A	EC 09 C101K	22148946	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.32	2.0 μ F	0.05 A
1 x 9 W	TC-S	0.170 A	EC 09 C101K	22148946	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.36	2.0 μ F	0.06 A
1 x 11 W	TC-S	0.155 A	EC 09 C101K	22148946	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.47	2.0 μ F	0.07 A
1 x 13 W	T5	0.165 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.45	2.0 μ F	0.08 A
1 x 10 W	T8	0.170 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.37	2.0 μ F	0.07 A
1 x 13 W	TC-D	0.165 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.45	2.0 μ F	0.08 A
1 x 10 W	TC-D	0.180 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	55 K	0.37	2.0 μ F	0.07 A
1 x 10 W	TC-DD	0.180 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.39	2.0 μ F	0.07 A
2 x 8 W	T5	0.145 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	35 K	0.60	2.0 μ F	0.09 A
2 x 7 W	TC-S	0.175 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.46	2.0 μ F	0.08 A
2 x 9 W	TC-S	0.170 A	EC 13 C101K	20821676	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.57	1.5 μ F	0.08 A
1 x 16 W	T8	0.200 A	EC 16 C101K	20887799	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.48	2.0 μ F	0.09 A
1 x 16 W	TC-DD	0.195 A	EC 16 C101K	20887799	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.48	2.0 μ F	0.09 A
1 x 18 W	T8	0.370 A	EC 18 LC111K	22148943	110.0 mm	97.0 – 105.0 mm	54 mm	55 K	0.32	4.5 μ F	0.13 A
1 x 23 W	T8	0.290 A	EC 18 LC111K	22148943	110.0 mm	97.0 – 105.0 mm	54 mm	45 K	0.40	3.5 μ F	0.12 A
1 x 18 W	TC-D	0.220 A	EC 18 TCD C101K	20887802	84.5 mm	74.0 – 80.0 mm	27 mm	55 K	0.49	2.0 μ F	0.11 A
1 x 36 W	T8	0.430 A	EC 36 LC111K	22116601	110.0 mm	97.0 – 105.0 mm	54 mm	55 K	0.46	4.5 μ F	0.22 A
1 x 38 W	T8	0.430 A	EC 36 LC111K	22116601	110.0 mm	97.0 – 105.0 mm	54 mm	55 K	0.49	4.5 μ F	0.23 A
1 x 58 W	T8	0.670 A	EC 58 C141K	22175010	155.0 mm	137.5 – 153.5 mm	90 mm	50 K	0.46	7.0 μ F	0.67 A
1 x 80 W	T12	0.870 A	EC 80/85 C140	22175020	231.0 mm	210.0 – 224.0 mm	140 mm	45 K	0.46	8.0 μ F	0.46 A
1 x 85 W	T12	0.800 A	EC 80/85 C140	22175020	231.0 mm	210.0 – 224.0 mm	140 mm	40 K	0.53	8.0 μ F	0.47 A
Energy Efficiency Index EEI = B1											
1 x 5 W	TC-S	0.180 A	EC 09 B27	20821657	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.25	2.0 μ F	0.05 A
1 x 7 W	TC-S	0.175 A	EC 09 B27	20821657	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.30	2.0 μ F	0.05 A
1 x 9 W	TC-S	0.170 A	EC 09 B27	20821657	84.5 mm	74.0 – 80.0 mm	27 mm	35 K	0.34	2.0 μ F	0.06 A
1 x 11 W	TC-S	0.155 A	EC 09 B27	20821657	84.5 mm	74.0 – 80.0 mm	27 mm	35 K	0.43	2.0 μ F	0.07 A
1 x 13 W	T5	0.165 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	35 K	0.46	2.0 μ F	0.08 A
1 x 10 W	T8	0.170 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.35	2.0 μ F	0.07 A
1 x 10 W	TC-D	0.180 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.38	2.0 μ F	0.06 A
1 x 13 W	TC-D	0.165 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.44	2.0 μ F	0.07 A
2 x 8 W	T5	0.145 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	30 K	0.55	2.0 μ F	0.09 A
2 x 7 W	TC-S	0.175 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	40 K	0.45	2.0 μ F	0.07 A
2 x 9 W	TC-S	0.170 A	EC 13 B27	22116351	84.5 mm	74.0 – 80.0 mm	27 mm	35 K	0.55	1.5 μ F	0.09 A
1 x 16 W	TC-DD	0.195 A	EC 16 B27	20821698	84.5 mm	74.0 – 80.0 mm	27 mm	45 K	0.45	2.0 μ F	0.10 A
1 x 18 W	TC-D	0.220 A	EC 18 B27	20821714	84.5 mm	74.0 – 80.0 mm	27 mm	50 K	0.47	2.0 μ F	0.11 A
1 x 30 W	T8	0.365 A	EC 30 LB103K	20889548	151.0 mm	110.0 – 144.0 mm	90 mm	35 K	0.36	4.5 μ F	0.17 A
2 x 15 W	T8	0.310 A	EC 30 LB103K	20889548	151.0 mm	110.0 – 144.0 mm	90 mm	35 K	0.49	4.5 μ F	0.18 A
1 x 36 W	T8	0.430 A	EC 40 B 90	20561465	155.0 mm	137.5 – 153.5 mm	90 mm	30 K	0.43	4.5 μ F	0.22 A
1 x 36 W	TC-L	0.430 A	EC 40 B 90	20561465	155.0 mm	137.5 – 153.5 mm	90 mm	40 K	0.45	4.5 μ F	0.22 A
1 x 65 W	T12-U	0.670 A	EC 65 B140	22175030	231.0 mm	210.0 – 224.0 mm	140 mm	30 K	0.49	7.0 μ F	0.32 A
1 x 58 W	T8	0.670 A	EC 65 B140	22175030	231.0 mm	210.0 – 224.0 mm	140 mm	30 K	0.45	7.0 μ F	0.32 A



EC 15 – 75 W, ConCut / IDC terminal
230 V 50 Hz

Product description

- Magnetic chokes for fluorescent lamps
 - Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
 - Additional types on request
- For product data sheet go to www.tridonic.com, or available on request

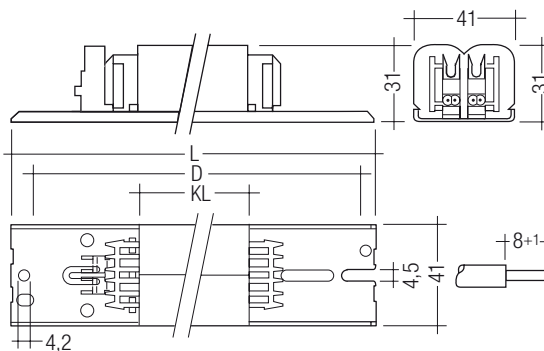
Technical data

Rated voltage	230 V, 50 Hz
Max. winding temperature t_w	130 °C
ConCut (insulation displacement connection)	0.5 – 1.5 mm ²



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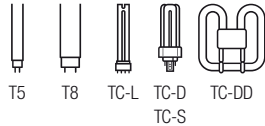


Ordering data

Type	Article number	Packaging	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
EC 15 OC501K 230/50 040A151	22175125	5 pieces strapped	1,400 pieces	0.52 kg
EC 15 C501K 230/50 050A151	22148747	5 pieces strapped	1,400 pieces	0.50 kg
EC 2x18 OC501K 230/50 040A151	22175112	5 pieces strapped	1,400 pieces	0.43 kg
EC 18 C501K 230/50 050A151	22175069	5 pieces strapped	1,400 pieces	0.50 kg
EC 18 LC501K 230/50 054A151	22115859	5 pieces strapped	1,400 pieces	0.55 kg
EC 21 C501K 230/50 050A151	22148753	5 pieces strapped	1,400 pieces	0.50 kg
EC 26 TCD OC111K 230/50 040A110 IDC	22175185	5 pieces strapped	1,800 pieces	0.50 kg
EC 26 OC101K 230/50 050A110 IDC	22148858	5 pieces strapped	1,400 pieces	0.53 kg
EC 30 C501K 230/50 050A151	22148755	5 pieces strapped	1,400 pieces	0.50 kg
EC 32 C501K 230/50 090A191	22149052	5 pieces strapped	1,000 pieces	0.85 kg
EC 36 C501K 230/50 050A151	22175058	5 pieces strapped	1,400 pieces	0.51 kg
EC 36 LC501K 230/50 054A151	22115862	5 pieces strapped	1,400 pieces	0.55 kg
EC 36-1 C501K 230/50 100A191 LOSE	22149284	5 pieces strapped	1,000 pieces	1.00 kg
EC 58 C501K 230/50 090A191	22115907	5 pieces strapped	1,000 pieces	0.85 kg
EC 58 LC501K 230/50 100A191	22148638	5 pieces strapped	1,000 pieces	0.90 kg
EC 70 C501K 230/50 090A191D	22148762	5 pieces strapped	1,000 pieces	0.88 kg
EC 70 LC501K 230/50 100A191D	22149286	5 pieces strapped	1,000 pieces	0.95 kg
Energy Efficiency Index EEI = B1				
EC 18 B 50 230/50 050A110 IDC	22117273	5 pieces strapped	1,600 pieces	0.50 kg
EC 18 B501K 230/50 090A191	22148749	5 pieces strapped	1,000 pieces	0.85 kg
EC 20 B 90 230/50 090A155 IDC	22116988	5 pieces strapped	1,000 pieces	0.84 kg
EC 30 B501K 230/50 054A151	22148754	5 pieces strapped	1,400 pieces	0.55 kg
EC 36 B501K 230/50 090A191	22148758	5 pieces strapped	1,000 pieces	0.85 kg

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Hole spacing D	Core length KL	Δ T	λ	Compensation, parallel (cos φ > 0.9)	
										Capacitor ± 10 % 250 V	Mains current
Energy Efficiency Index EEI = B2											
1 x 15 W	T8	0.310 A	EC 15 OC501K	22175125	151 mm	110.0 – 144.0 mm	40 mm	60 K	0.33	4.5 μF	0.12 A
1 x 15 W	T8	0.310 A	EC 15 C501K	22148747	151 mm	110.0 – 144.0 mm	50 mm	50 K	0.33	4.5 μF	0.12 A
2 x 18 W	T8	0.370 A	EC 2x18 OC501K	22175112	151 mm	110.0 – 144.0 mm	40 mm	55 K	0.52	4.5 μF	0.22 A
1 x 18 W	T8	0.370 A	EC 18 C501K	22175069	151 mm	110.0 – 144.0 mm	50 mm	55 K	0.33	4.5 μF	0.13 A
1 x 18 W	T8	0.370 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.32	4.5 μF	0.13 A
1 x 23 W	T8	0.290 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	45 K	0.40	3.5 μF	0.12 A
1 x 26 W	TC-D	0.325 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	45 K	0.43	3.0 μF	0.15 A
1 x 28 W	TC-DD	0.320 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	45 K	0.49	3.0 μF	0.15 A
1 x 18 W	TC-L	0.370 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.33	4.5 μF	0.13 A
1 x 24 W	TC-L	0.345 A	EC 18 LC501K	22115859	151 mm	110.0 – 144.0 mm	54 mm	50 K	0.38	3.0 μF	0.15 A
1 x 21 W	TC-DD	0.260 A	EC 21 C501K	22148753	151 mm	110.0 – 144.0 mm	50 mm	35 K	0.42	3.0 μF	0.11 A
1 x 26 W	TC-D	0.325 A	EC 26 TCD OC111K	22175185	110 mm	97.0 – 105.0 mm	40 mm	65 K	0.32	3.5 μF	0.14 A
1 x 26 W	TC-D	0.325 A	EC 26 OC101K	22148858	110 mm	97.0 – 105.0 mm	50 mm	45 K	0.43	3.0 μF	0.15 A
1 x 24 W	TC-L	0.345 A	EC 26 OC101K	22148858	110 mm	97.0 – 105.0 mm	50 mm	50 K	0.40	3.0 μF	0.15 A
1 x 30 W	T8	0.365 A	EC 30 C501K	22148755	151 mm	110.0 – 144.0 mm	50 mm	60 K	0.47	4.5 μF	0.17 A
2 x 15 W	T8	0.310 A	EC 30 C501K	22148755	151 mm	110.0 – 144.0 mm	50 mm	50 K	0.49	4.5 μF	0.18 A
1 x 32 W	T12c	0.450 A	EC 32 C501K	22149052	191 mm	150.0 – 184.0 mm	90 mm	35 K	0.40	5.0 μF	0.18 A
1 x 36 W	T8	0.430 A	EC 36 C501K	22175058	151 mm	110.0 – 144.0 mm	50 mm	50 K	0.47	4.5 μF	0.22 A
2 x 18 W	T8	0.370 A	EC 36 C501K	22175058	151 mm	110.0 – 144.0 mm	50 mm	50 K	0.50	4.5 μF	0.22 A
1 x 40 W	T12-U	0.430 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.51	4.5 μF	0.24 A
1 x 40 W	T12c	0.415 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.51	4.5 μF	0.24 A
1 x 36 W	T8	0.430 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.46	4.5 μF	0.22 A
1 x 38 W	T8	0.430 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.49	4.5 μF	0.23 A
1 x 38 W	TC-DD	0.430 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	50 K	0.49	4.5 μF	0.23 A
1 x 36 W	TC-L	0.430 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	55 K	0.44	4.5 μF	0.22 A
2 x 18 W	T8	0.370 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	50 K	0.52	4.5 μF	0.22 A
2 x 18 W	TC-L	0.370 A	EC 36 LC501K	22115862	151 mm	110.0 – 144.0 mm	54 mm	50 K	0.44	4.5 μF	0.20 A
1 x 40 W	T12c	0.415 A	EC 36-1 C501K	22149284	191 mm	150.0 – 184.0 mm	100 mm	40 K	0.34	6.0 μF	0.21 A
1 x 36 W	T8	0.430 A	EC 36-1 C501K	22149284	191 mm	150.0 – 184.0 mm	100 mm	40 K	0.34	6.0 μF	0.21 A
1 x 58 W	T8	0.670 A	EC 58 C501K	22115907	191 mm	150.0 – 184.0 mm	90 mm	50 K	0.47	7.0 μF	0.32 A
1 x 58 W	T8	0.670 A	EC 58 LC501K	22148638	191 mm	150.0 – 184.0 mm	100 mm	45 K	0.47	7.0 μF	0.31 A
1 x 75 W	T12	0.670 A	EC 70 C501K	22148762	191 mm	150.0 – 184.0 mm	90 mm	45 K	0.55	6.0 μF	0.39 A
1 x 70 W	T8	0.700 A	EC 70 C501K	22148762	191 mm	150.0 – 184.0 mm	90 mm	45 K	0.52	7.0 μF	0.37 A
1 x 75 W	T12	0.670 A	EC 70 LC501K	22149286	191 mm	150.0 – 184.0 mm	100 mm	50 K	0.56	6.0 μF	0.39 A
1 x 70 W	T8	0.700 A	EC 70 LC501K	22149286	191 mm	150.0 – 184.0 mm	100 mm	50 K	0.51	7.0 μF	0.37 A
Energy Efficiency Index EEI = B1											
1 x 18 W	TC-D	0.220 A	EC 18 B 50	22117273	110 mm	97.0 – 105.0 mm	50 mm	25 K	0.42	2.0 μF	0.10 A
1 x 18 W	T8	0.370 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	35 K	0.30	4.5 μF	0.13 A
1 x 23 W	T8	0.290 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.40	3.0 μF	0.14 A
1 x 26 W	TC-D	0.325 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.43	3.0 μF	0.14 A
1 x 28 W	TC-DD	0.320 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.46	3.0 μF	0.15 A
1 x 18 W	TC-L	0.370 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	40 K	0.29	4.5 μF	0.10 A
1 x 24 W	TC-L	0.345 A	EC 18 B501K	22148749	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.39	3.0 μF	0.13 A
1 x 18 W	T8	0.370 A	EC 20 B 90	22116988	155 mm	137.5 – 153.5 mm	90 mm	30 K	0.30	4.5 μF	0.13 A
1 x 26 W	TC-D	0.325 A	EC 20 B 90	22116988	155 mm	137.5 – 153.5 mm	90 mm	35 K	0.38	3.5 μF	0.14 A
1 x 18 W	TC-L	0.370 A	EC 20 B 90	22116988	155 mm	137.5 – 153.5 mm	90 mm	30 K	0.29	4.5 μF	0.13 A
1 x 30 W	T8	0.365 A	EC 30 B501K	22148754	151 mm	110.0 – 144.0 mm	54 mm	45 K	0.44	4.5 μF	0.17 A
2 x 15 W	T8	0.310 A	EC 30 B501K	22148754	151 mm	110.0 – 144.0 mm	54 mm	50 K	0.44	4.5 μF	0.18 A
1 x 40 W	T12-U	0.430 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.43	4.5 μF	0.24 A
1 x 40 W	T12c	0.415 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.43	4.5 μF	0.24 A
1 x 36 W	T8	0.430 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.43	4.5 μF	0.22 A
1 x 38 W	T8	0.430 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.45	4.5 μF	0.22 A
1 x 38 W	TC-DD	0.430 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.45	4.5 μF	0.22 A
1 x 36 W	TC-L	0.430 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.44	4.5 μF	0.22 A
2 x 18 W	T8	0.370 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.45	4.5 μF	0.22 A
2 x 18 W	TC-L	0.370 A	EC 36 B501K	22148758	191 mm	150.0 – 184.0 mm	90 mm	30 K	0.46	4.5 μF	0.20 A



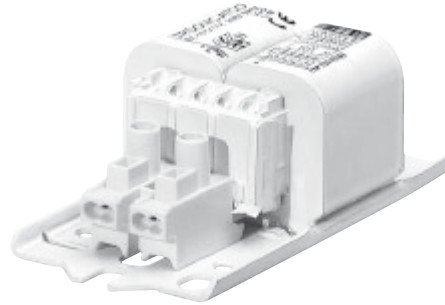
EC 4 – 26 W, push-in terminal
240 V 50 Hz

Product description

- Magnetic chokes for fluorescent lamps
 - Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
 - Additional types on request
- For product data sheet go to www.tridonic.com, or available on request

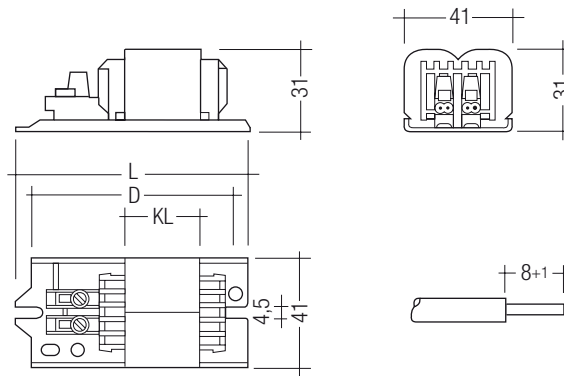
Technical data

Rated voltage	240 V, 50 Hz
Max. winding temperature t_w	130 °C
Push-in terminal	0.5 – 1.5 mm ² for rigid wires



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Wiring diagrams and installation examples, page 18

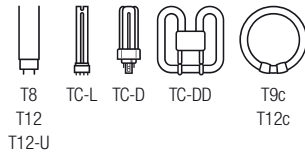


Ordering data

Type	Article number	Packaging	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
EC 8 C102K 240/50 027A084	22148939	5 pieces strapped	2,200 pieces	0.30 kg
EC 09 C102K 240/50 027A084	22149307	5 pieces strapped	2,200 pieces	0.30 kg
EC 13 C102K 240/50 027A084	20821682	5 pieces strapped	2,200 pieces	0.33 kg
EC 16 C102K 240/50 027A084	22115480	5 pieces strapped	2,200 pieces	0.30 kg
EC 18 TCD C102K 240/50 027A084	22149235	5 pieces strapped	2,200 pieces	0.30 kg
EC 26 LC102K 240/50 054A110	20889280	5 pieces strapped	1,400 pieces	0.53 kg
Energy Efficiency Index EEI = B1				
EC 09 B27 240/50 027A084	20821660	5 pieces strapped	2,200 pieces	0.30 kg
EC 18 B27 240/50 027A084	20821720	5 pieces strapped	2,200 pieces	0.30 kg

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Hole spacing D	Core length KL	ΔT	λ	Compensation, parallel ($\cos \varphi > 0.9$)	
										Capacitor $\pm 10\%$ 250 V	Mains current
Energy Efficiency Index EEI = B2											
1 x 4 W	T5	0.170 A	EC 8 C102K	22148939	84.5 mm	74 – 80 mm	27 mm	55 K	0.25	2.0 μ F	0.04 A
1 x 6 W	T5	0.160 A	EC 8 C102K	22148939	84.5 mm	74 – 80 mm	27 mm	45 K	0.28	2.0 μ F	0.05 A
1 x 8 W	T5	0.145 A	EC 8 C102K	22148939	84.5 mm	74 – 80 mm	27 mm	45 K	0.38	2.0 μ F	0.06 A
2 x 6 W	T5	0.160 A	EC 8 C102K	22148939	84.5 mm	74 – 80 mm	27 mm	40 K	0.44	2.0 μ F	0.05 A
2 x 4 W	T5	0.170 A	EC 8 C102K	22148939	84.5 mm	74 – 80 mm	27 mm	45 K	0.34	2.0 μ F	0.05 A
1 x 5 W	TC-S	0.180 A	EC 09 C102K	22149307	84.5 mm	74 – 80 mm	27 mm	60 K	0.28	2.0 μ F	0.05 A
1 x 7 W	TC-S	0.175 A	EC 09 C102K	22149307	84.5 mm	74 – 80 mm	27 mm	55 K	0.31	2.0 μ F	0.05 A
1 x 9 W	TC-S	0.170 A	EC 09 C102K	22149307	84.5 mm	74 – 80 mm	27 mm	50 K	0.36	2.0 μ F	0.06 A
1 x 11 W	TC-S	0.155 A	EC 09 C102K	22149307	84.5 mm	74 – 80 mm	27 mm	40 K	0.44	2.0 μ F	0.07 A
1 x 13 W	T5	0.165 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	40 K	0.45	2.0 μ F	0.07 A
1 x 10 W	T8	0.170 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	40 K	0.37	2.0 μ F	0.07 A
1 x 10 W	TC-D	0.180 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	50 K	0.36	2.0 μ F	0.07 A
1 x 13 W	TC-D	0.165 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	45 K	0.45	2.0 μ F	0.08 A
1 x 10 W	TC-DD	0.180 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	45 K	0.36	2.0 μ F	0.07 A
2 x 8 W	T5	0.145 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	30 K	0.49	2.0 μ F	0.09 A
2 x 7 W	TC-S	0.175 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	40 K	0.45	2.0 μ F	0.08 A
2 x 9 W	TC-S	0.170 A	EC 13 C102K	20821682	84.5 mm	74 – 80 mm	27 mm	40 K	0.52	2.0 μ F	0.08 A
1 x 16 W	T8	0.200 A	EC 16 C102K	22115480	84.5 mm	74 – 80 mm	27 mm	55 K	0.46	2.0 μ F	0.09 A
1 x 16 W	TC-DD	0.195 A	EC 16 C102K	22115480	84.5 mm	74 – 80 mm	27 mm	55 K	0.46	2.0 μ F	0.09 A
1 x 18 W	TC-D	0.220 A	EC 18 TCD C102K	22149235	84.5 mm	74 – 80 mm	27 mm	55 K	0.46	2.0 μ F	0.10 A
1 x 26 W	TC-D	0.325 A	EC 26 LC102K	20889280	110.0 mm	97 – 105 mm	54 mm	50 K	0.42	3.5 μ F	0.14 A
1 x 24 W	TC-L	0.345 A	EC 26 LC102K	20889280	110.0 mm	97 – 105 mm	54 mm	50 K	0.39	4.0 μ F	0.13 A
Energy Efficiency Index EEI = B1											
1 x 5 W	TC-S	0.180 A	EC 09 B27	20821660	84.5 mm	74 – 80 mm	27 mm	50 K	0.25	2.0 μ F	0.05 A
1 x 7 W	TC-S	0.175 A	EC 09 B27	20821660	84.5 mm	74 – 80 mm	27 mm	45 K	0.29	2.0 μ F	0.05 A
1 x 9 W	TC-S	0.170 A	EC 09 B27	20821660	84.5 mm	74 – 80 mm	27 mm	40 K	0.34	2.0 μ F	0.06 A
1 x 11 W	TC-S	0.155 A	EC 09 B27	20821660	84.5 mm	74 – 80 mm	27 mm	40 K	0.39	2.0 μ F	0.07 A
1 x 18 W	TC-D	0.220 A	EC 18 B27	20821720	84.5 mm	74 – 80 mm	27 mm	60 K	0.44	2.0 μ F	0.10 A



EC 15 – 75 W, ConCut / IDC terminal
240 V 50 Hz

Product description

- Magnetic chokes for fluorescent lamps
 - Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
 - Additional types on request
- For product data sheet go to www.tridonic.com,
or available on request

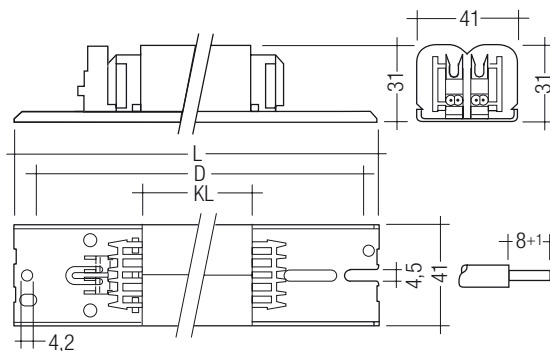
Technical data

Rated voltage	240 V, 50 Hz
Max. winding temperature t_w	130 °C
ConCut (insulation displacement connection)	0.5 – 1.5 mm ²



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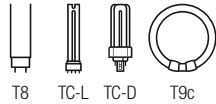


Ordering data

Type	Article number	Packaging	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
EC 15 C502K 240/50 050A151	22149234	5 pieces strapped	1,400 pieces	0.50 kg
EC 2x18 OC502K 240/50 040A151	22175106	5 pieces strapped	1,400 pieces	0.43 kg
EC 18 C502K 240/50 050A151	22175070	5 pieces strapped	1,400 pieces	0.51 kg
EC 18 LC502K 240/50 054A151	22148708	5 pieces strapped	1,400 pieces	0.54 kg
EC 30 C502K 240/50 050A151	22149241	5 pieces strapped	1,400 pieces	0.50 kg
EC 36 C502K 240/50 050A151	22175071	5 pieces strapped	1,400 pieces	0.52 kg
EC 36 LC502K 240/50 054A151	22148709	5 pieces strapped	1,400 pieces	0.55 kg
EC 58 C502K 240/50 090A191	22149260	5 pieces strapped	1,000 pieces	0.87 kg
EC 70 C502K 240/50 090A191D	22148773	5 pieces strapped	1,000 pieces	0.88 kg
Energy Efficiency Index EEI = B1				
EC 18 TCD LB112K 240/50 050A110 IDC	22179254	5 pieces strapped	1,600 pieces	0.54 kg
EC 18 B502K 240/50 090A191	22148765	5 pieces strapped	1,000 pieces	0.85 kg
EC 18 TCD LB502K 240/50 050A151	22148766	5 pieces strapped	1,400 pieces	0.50 kg
EC 21 B502K 240/50 050A151	22148767	5 pieces strapped	1,400 pieces	0.50 kg
EC 36 B502K 240/50 090A191	22148771	5 pieces strapped	1,000 pieces	0.85 kg
EC 70 B502K 240/50 100A191D	22148772	5 pieces strapped	1,000 pieces	0.97 kg

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Hole spacing D	Core length KL	Δ T	λ	Compensation, parallel (cos φ > 0.9)		
										Capacitor ± 10 % 250 V	Mains current	
Energy Efficiency Index EEI = B2												
1 x 15 W	T8	0.310 A	EC 15 C502K	22149234	151 mm	110 – 144 mm	50 mm	55 K	0.31	4.0 μF	0.09 A	
2 x 18 W	T8	0.370 A	EC 2x18 OC502K	22175106	151 mm	110 – 144 mm	40 mm	60 K	0.51	4.0 μF	0.20 A	
1 x 18 W	T8	0.370 A	EC 18 C502K	22175070	151 mm	110 – 144 mm	50 mm	55 K	0.32	4.0 μF	0.12 A	
1 x 18 W	T8	0.370 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	50 K	0.30	4.0 μF	0.12 A	
1 x 23 W	T8	0.290 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	35 K	0.40	3.0 μF	0.12 A	
1 x 26 W	TC-D	0.325 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	40 K	0.42	3.5 μF	0.13 A	
1 x 28 W	TC-DD	0.320 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	40 K	0.46	3.5 μF	0.14 A	
1 x 18 W	TC-L	0.370 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	50 K	0.30	4.0 μF	0.11 A	
1 x 24 W	TC-L	0.345 A	EC 18 LC502K	22148708	151 mm	110 – 144 mm	54 mm	45 K	0.39	3.5 μF	0.13 A	
1 x 22 W	T9c	0.400 A	EC 30 C502K	22149241	151 mm	110 – 144 mm	50 mm	75 K	0.32	4.0 μF	0.16 A	
2 x 15 W	T8	0.310 A	EC 30 C502K	22149241	151 mm	110 – 144 mm	50 mm	55 K	0.52	4.0 μF	0.17 A	
1 x 36 W	T8	0.430 A	EC 36 C502K	22175071	151 mm	110 – 144 mm	50 mm	55 K	0.46	4.0 μF	0.22 A	
2 x 18 W	T8	0.370 A	EC 36 C502K	22175071	151 mm	110 – 144 mm	50 mm	55 K	0.48	4.0 μF	0.22 A	
1 x 40 W	T12-U	0.430 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	55 K	0.49	4.0 μF	0.22 A	
1 x 40 W	T12c	0.415 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	50 K	0.49	4.0 μF	0.23 A	
1 x 36 W	T8	0.430 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	55 K	0.44	4.0 μF	0.22 A	
1 x 38 W	T8	0.430 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	55 K	0.47	4.0 μF	0.22 A	
1 x 38 W	TC-DD	0.430 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	55 K	0.46	4.0 μF	0.22 A	
1 x 36 W	TC-L	0.430 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	55 K	0.44	4.0 μF	0.22 A	
2 x 18 W	T8	0.370 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	50 K	0.49	4.0 μF	0.10 A	
2 x 18 W	TC-L	0.370 A	EC 36 LC502K	22148709	151 mm	110 – 144 mm	54 mm	50 K	0.49	4.0 μF	0.21 A	
1 x 65 W	T12-U	0.670 A	EC 58 C502K	22149260	191 mm	150 – 184 mm	90 mm	50 K	0.46	6.0 μF	0.30 A	
1 x 58 W	T8	0.670 A	EC 58 C502K	22149260	191 mm	150 – 184 mm	90 mm	50 K	0.46	6.0 μF	0.30 A	
1 x 75 W	T12	0.670 A	EC 70 C502K	22148773	191 mm	150 – 184 mm	90 mm	45 K	0.51	6.0 μF	0.38 A	
1 x 70 W	T8	0.700 A	EC 70 C502K	22148773	191 mm	150 – 184 mm	90 mm	50 K	0.55	6.0 μF	0.38 A	
Energy Efficiency Index EEI = B1												
1 x 18 W	TC-D	0.220 A	EC 18 TCD LB112K	22179254	110 mm	97 – 105 mm	50 mm	35 K	0.41	3.5 μF	0.14 A	
1 x 18 W	T8	0.370 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	30 K	0.29	4.0 μF	0.12 A	
1 x 23 W	T8	0.290 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	25 K	0.38	3.0 μF	0.13 A	
1 x 26 W	TC-D	0.325 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	30 K	0.40	3.5 μF	0.13 A	
1 x 28 W	TC-DD	0.320 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	25 K	0.44	3.5 μF	0.14 A	
1 x 18 W	TC-L	0.370 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	30 K	0.29	4.0 μF	0.10 A	
1 x 24 W	TC-L	0.345 A	EC 18 B502K	22148765	191 mm	150 – 184 mm	90 mm	30 K	0.38	3.5 μF	0.13 A	
1 x 18 W	TC-D	0.220 A	EC 18 TCD LB502K	22148766	151 mm	110 – 144 mm	50 mm	35 K	0.41	2.0 μF	0.08 A	
1 x 21 W	TC-DD	0.260 A	EC 21 B502K	22148767	151 mm	110 – 144 mm	50 mm	35 K	0.41	3.0 μF	0.11 A	
1 x 40 W	T12-U	0.430 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	35 K	0.45	4.0 μF	0.22 A	
1 x 40 W	T12c	0.415 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	30 K	0.46	4.0 μF	0.22 A	
1 x 36 W	T8	0.430 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	35 K	0.41	4.0 μF	0.20 A	
1 x 38 W	T8	0.430 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	35 K	0.44	4.0 μF	0.21 A	
1 x 38 W	TC-DD	0.430 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	30 K	0.42	4.0 μF	0.19 A	
1 x 36 W	TC-L	0.430 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	35 K	0.42	4.0 μF	0.18 A	
2 x 18 W	T8	0.370 A	EC 36 B502K	22148771	191 mm	150 – 184 mm	90 mm	30 K	0.45	4.0 μF	0.19 A	
1 x 75 W	T12	0.670 A	EC 70 B502K	22148772	191 mm	150 – 184 mm	100 mm	45 K	0.56	6.0 μF	0.38 A	
1 x 70 W	T8	0.700 A	EC 70 B502K	22148772	191 mm	150 – 184 mm	100 mm	45 K	0.50	6.0 μF	0.36 A	



ETAWATT 18 – 58 W
230 V 50 Hz

Product description

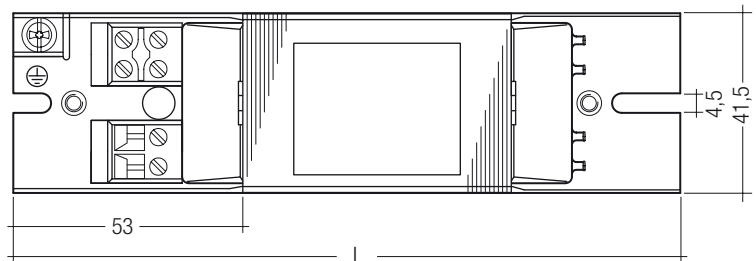
- Magnetic chokes for fluorescent lamps
 - Nominal life time 100,000 hours at $t_w = 130\text{ °C}$
- For product data sheet go to www.tridonic.com,
or available on request

Technical data

Rated voltage	230 V, 50 Hz
Max. winding temperature t_w	130 °C
Push-in terminal	0.5 – 1.5 mm ² for rigid wires



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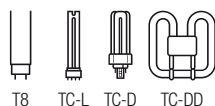


Ordering data

Type	Article number	Packaging, carton	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
ETAWATT 18 NG301 IND 230V/50	86454136	20 pieces	800 pieces	0.76 kg
ETAWATT 30 NG301 IND 230V/50	86454142	20 pieces	800 pieces	0.76 kg
ETAWATT 36 NG301 IND 230V/50	86454158	20 pieces	800 pieces	0.75 kg
ETAWATT 58 NG301 IND 230V/50	86454161	20 pieces	800 pieces	1.20 kg

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Hole spacing D	ΔT	λ	Compensation, parallel ($\cos \varphi > 0.9$)	
									Capacitor $\pm 10\%$ 250 V	Mains current
Energy Efficiency Index EEI = B2										
1 x 18 W	T8	0.370 A	ETAWATT 18 NG301	86454136	170 mm	150 – 159 mm	45 K	0.32	4.2 μF	0.13 A
1 x 18 W	TC-L	0.370 A	ETAWATT 18 NG301	86454136	170 mm	150 – 159 mm	45 K	0.31	4.2 μF	0.13 A
1 x 23 W	T8	0.290 A	ETAWATT 18 NG301	86454136	170 mm	150 – 159 mm	45 K	0.42	4.2 μF	0.13 A
1 x 24 W	TC-L	0.345 A	ETAWATT 18 NG301	86454136	170 mm	150 – 159 mm	45 K	0.40	4.2 μF	0.13 A
1 x 26 W	TC-D	0.325 A	ETAWATT 18 NG301	86454136	170 mm	150 – 159 mm	45 K	0.43	4.2 μF	0.13 A
1 x 30 W	T8	0.365 A	ETAWATT 30 NG301	86454142	170 mm	150 – 159 mm	50 K	0.48	3.6 μF	0.18 A
1 x 22 W	T9c	0.400 A	ETAWATT 30 NG301	86454142	170 mm	150 – 159 mm	50 K	0.33	3.6 μF	0.18 A
2 x 15 W	T8	0.310 A	ETAWATT 30 NG301	86454142	170 mm	150 – 159 mm	50 K	0.52	3.6 μF	0.18 A
1 x 36 W	T8	0.430 A	ETAWATT 36 NG301	86454158	170 mm	150 – 159 mm	50 K	0.47	4.3 μF	0.21 A
1 x 36 W	TC-L	0.430 A	ETAWATT 36 NG301	86454158	170 mm	150 – 159 mm	50 K	0.45	4.3 μF	0.21 A
1 x 38 W	T8	0.430 A	ETAWATT 36 NG301	86454158	170 mm	150 – 159 mm	50 K	0.48	4.3 μF	0.21 A
2 x 18 W	T8	0.370 A	ETAWATT 36 NG301	86454158	170 mm	150 – 159 mm	50 K	0.49	4.3 μF	0.21 A
1 x 58 W	T8	0.670 A	ETAWATT 58 NG301	86454161	235 mm	220 – 229 mm	50 K	0.48	4.3 μF	0.33 A



EC 18 – 28 W

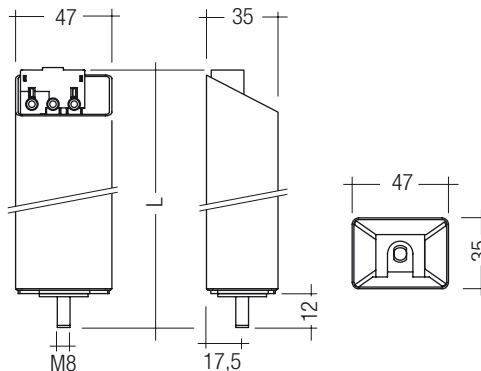
230 V 50 Hz

Product description

- Magnetic chokes for fluorescent lamps
 - Encapsulated for protection class II applications
 - Double insulated
 - Irreversible thermal cutout
- For product data sheet go to www.tridonic.com, or available on request

Technical data

Rated voltage	230 V, 50 Hz
Max. winding temperature tw	130 °C
Push-in terminal	0.5 – 1.5 mm ² for rigid wires
Trigger value, thermal protection	150 °C



Standards, page 5

Ordering data

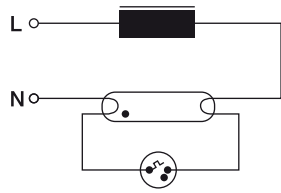
Type	Article number	Packaging, carton	Packaging, pallet	Weight per piece
Energy Efficiency Index EEI = B2				
EC 18 LC201B 230/50 ZIMP113	22149220	26 pieces	936 pieces	0.55 kg

Specific technical data

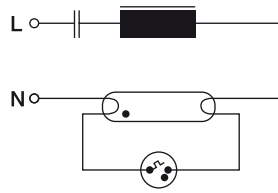
Lamp wattage	Lamp type	Rated lamp current	Type	Article number	Length L	Δ T	λ	Compensation, parallel (cos φ > 0.9)	
								Capacitor ± 10 % 250 V	Mains current
Energy Efficiency Index EEI = B2									
1 x 18 W	T8	0.370 A	EC 18 LC201B	22149220	113 mm	65 K	0.32	4.5 μF	0.11 A
1 x 23 W	T8	0.290 A	EC 18 LC201B	22149220	113 mm	50 K	0.42	3.5 μF	0.14 A
1 x 26 W	TC-D	0.325 A	EC 18 LC201B	22149220	113 mm	55 K	0.43	3.5 μF	0.14 A
1 x 28 W	TC-DD	0.320 A	EC 18 LC201B	22149220	113 mm	55 K	0.48	3.5 μF	0.15 A
1 x 18 W	TC-L	0.370 A	EC 18 LC201B	22149220	113 mm	65 K	0.31	4.5 μF	0.11 A
1 x 24 W	TC-L	0.345 A	EC 18 LC201B	22149220	113 mm	60 K	0.40	4.0 μF	0.14 A

Linear lamps

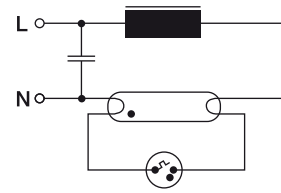
Single lamp uncompensated



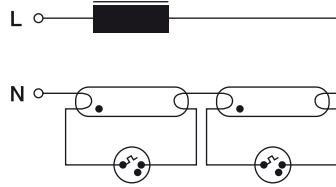
Single lamp series compensated



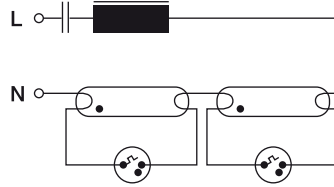
Single lamp parallel compensated



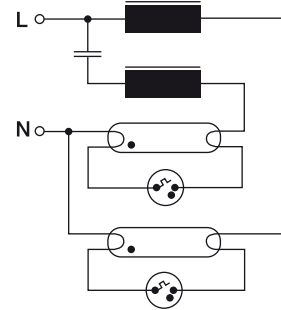
Twin series lamps uncompensated



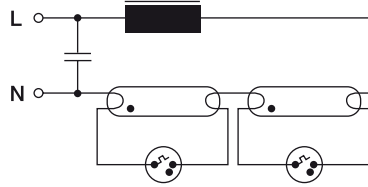
Twin series lamps series compensated



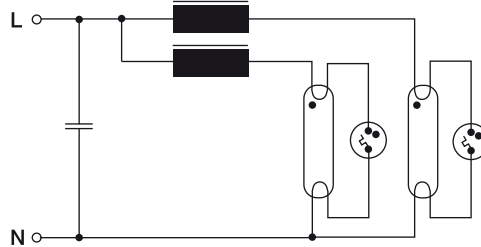
Twin lamp lead / lag



Twin series lamps parallel compensated

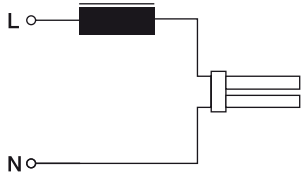


Twin lamp parallel compensated; 2 x value of parallel capacitor (single circuit), 2x18 W T8 = 8 µF (250 V)

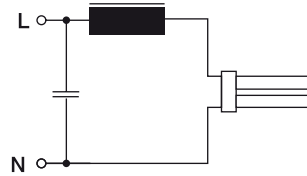


Compact lamps

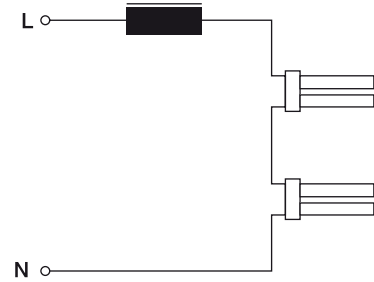
Single 2-pin lamp uncompensated



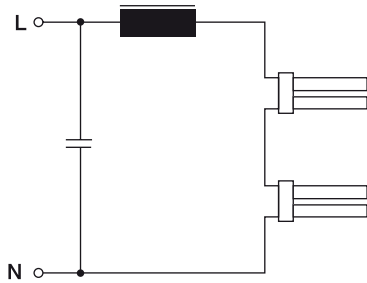
Single 2-pin lamp parallel compensated



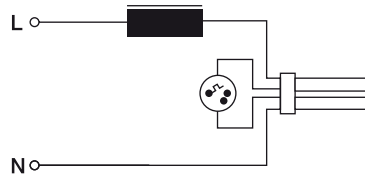
Twin series 2-pin lamps uncompensated



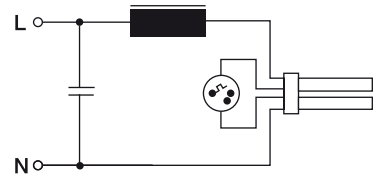
Twin series 2-pin lamps parallel compensated



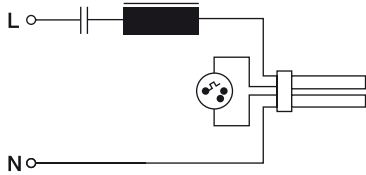
Single 4-pin lamp uncompensated



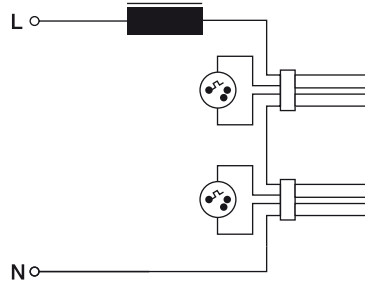
Single 4-pin lamp parallel compensated



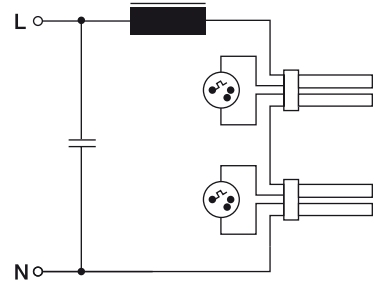
Single 4-pin lamp series compensated



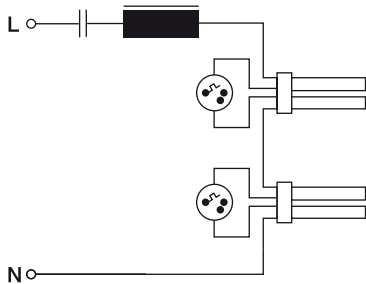
Twin series 4-pin lamps uncompensated



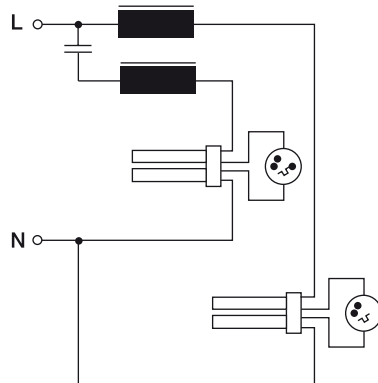
Twin series 4-pin lamps parallel compensated



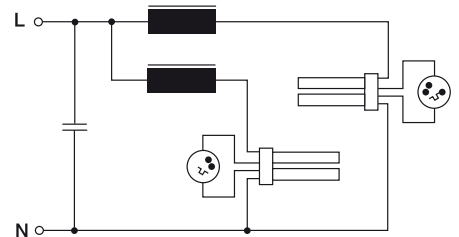
Twin series 4-pin lamps series compensated



Twin 4-pin lamps lead / lag



Twin 4-pin lamps parallel compensated



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Subject to change without notice.