



EB-Certalume for TL-D lamps

EB-C 118 TL-D 220-240V 50/60Hz

Affordable, reliable, high-frequency electronic ballast for TL-D fluorescent lamps, ideal alternative to electromagnetic fluorescent systems. The cost-saving and reliable EB-C has energy efficiency class A2, and its robust design meets all necessary international standards for safety and EMC. The ballast is primarily designed for indoor use. For outdoor use, the luminaire should be minimum Class II and needs to be sufficiently protected against water and dust. The installation should also be guarded against lightning surges or given any other necessary electrical protection as deemed in this type of installation and application. Don't use this driver if the lamp is exposed to temperatures below 0 °C.

Product data

General Information	
Type version	mk1
Lamp type	TL-D
Number of lamps	1 piece/unit
Number of products on MCB (16 A type B) (nom.)	25
Automatic restart	No
Operating and Electrical	
Input Voltage	220 to 240 V
Input frequency	50 to 60 Hz
Operating frequency (nom.)	42-60 kHz
Power factor 100% load (nom.)	0.96
Mains voltage safety (AC)	-25% - +15%
Earth leakage current (nom.)	0.5 mA

Power losses (nom.)	2.8 W
Wiring	
Connector type input terminals	250 manual connector [Suitable for manual wiring and easy release button]
Cable capacity output wires mutual (max.)	120 pF
Colour input terminals	Orange
Colour output terminals	Grey
Connector type output terminals	250 manual connector [Suitable for manual wiring and easy release button]
Cable length hot-wiring	0.75 m
Wire strip length	9.0-10.0 mm
Dual fixture master/slave	Possible, lamp wires 2m max. length [Master/Slave operation possible]
Input terminal cross section	0.50-1.50 mm ²
Output terminal cross section	0.50-1.50 mm ²

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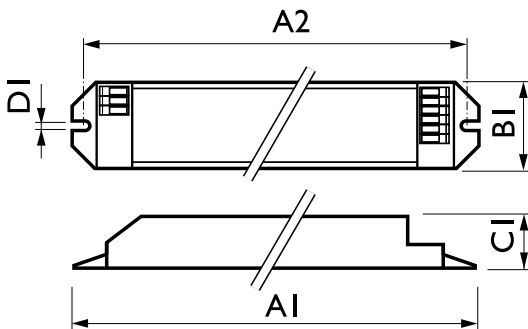
Cable capacity output wires to earth (max.)	120 pF
System characteristics	
Rated ballast-lamp power	18 W
Rated lamp power on TL-D	18 W
System power on TL-D	19.7 W
Lamp power on TL-D	16.9 W
Power loss on TL-D	2.8 W
Temperature	
T-case lifetime (nom.)	75 °C
Mechanical and Housing	
Housing	L 150x40x28
Emergency Operation	
Battery voltage lamp ignition	165–253 V
Approval and Application	
Energy efficiency index	A2

IP classification	IP 20 [Ingress Protection 20]
Overvoltage protection 276 VAC	48 h
EMI 9 kHz ... 30 MHz	EN55015
Vibration standard	IEC68–2–6 F c
Bumps standard	IEC 68–2–29 Eb
Humidity standard	IEC 61347–2–3
Approval marks	CCC certificate CB Certificate

Product Data

Full product code	872790085877800
Order product name	EB-C 118 TL-D 220–240V 50/60Hz
EAN/UPC – product	8711500998132
Order code	85877800
SAP numerator – quantity per pack	1
Numerator – packs per outer box	20
SAP material	913713199015
SAP net weight (piece)	0.080 kg

Dimensional drawing



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Product	D1	C1	A1	A2	B1
EB-C 118 TL-D 220–240V 50/60Hz	4.2 mm	28.0 mm	150.0 mm	140.0 mm	40.0 mm

