

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.

Product data

• General Information

Type Version	MK1
Lamp Type	TL-D
Number Of Lamps	1 piece/unit
Number Of Products On MCB (16A 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	250 manual connector [Suitable for manual wiring and easy release button]
Input Terminals	
Cable Capacity	120 pF
Output Wires Mutual (Max)	
Color Input Terminals	Orange
Color Output Terminals	Grey

Connector Type	250 manual connector [Suitable for manual wiring and easy release button]
Output Terminals	
Cable Length Hot Wiring	0.75 m
Wire Striplength	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
Cable Capacity	120 pF
Output Wires To Earth (Max)	

• 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
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• Mechanical and Housing

Housing	L150X40X28
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• Emergency Operation

Battery Voltage Lamp Ignition 165-253 V

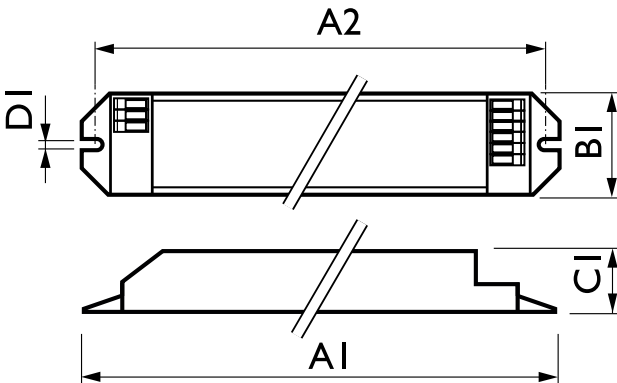
• Approval and Application

Energy Efficiency Index A2
 Overvoltage Protection 276Vac 48 h
 EMI 9 kHz ... 30 MHz EN55015
 Vibration Standard IEC68-2-6FC
 Bumps Standard IEC 68-2-29 Eb
 Humidity Standard IEC61347-2-3
 Approval Marks CCC certificate
 CB Certificate

• Product Data

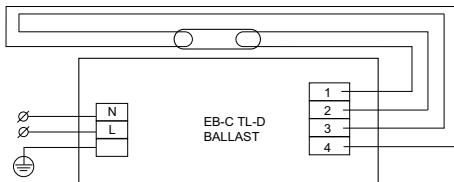
Full product code 872790085877800
 Order product name EB-C 118 TL-D 220-240V 50/60Hz
 EAN/UPC - Product 8711500998132
 Order code 913713199015
 Numerator - Quantity Per Pack 1
 Numerator - Packs per outer box 20
 Material Nr. (12NC) 913713199015
 Net Weight (Piece) 0.080 kg

Dimensional drawing



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

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



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 data subject to change