



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 application. For outdoor application, the luminaire should be minimum Classland need to be sufficiently protected against water & dust. The installation should also be guard against any lightening surge or any other necessary electrical protection as deemed in such typical installation & application.

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 Input Terminals	250 manual connector [Suitable for manual wiring and easy release button]
Cable Capacity Output Wires Mutual (Max)	120 pF
Color Input Terminals	Orange
Color 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 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 Output Wires to Earth (Max)	120 pF

EB-Certalume for TL-D lamps

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	L 150x40x28
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Emergency operation

Battery Voltage Lamp Ignition	165-253 V
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Approval and application

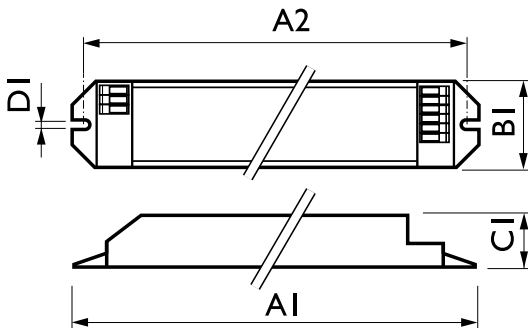
Energy Efficiency Index	A2
IP Classification	IP20 [Finger-protected]

Overvoltage Protection 276Vac	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	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





EB-Certalume for TL-D lamps

EB-C 136 TL-D 220-240V 50/60Hz

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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)	18
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)	0.95
Mains Voltage Safety (AC)	-10%~+10%
Earth Leakage Current (Nom)	0.7 mA
Power Losses (Nom)	4.4 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
Color Input Terminals	Orange
Color 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 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 Output Wires to Earth (Max)	120 pF

EB-Certalume for TL-D lamps

System characteristics

Rated Ballast-Lamp Power	36 W
Rated Lamp Power on TL-D	36 W
System Power on TL-D	37 W
Lamp Power on TL-D	32.6 W
Power Loss on TL-D	4.4 W

Temperature

T-Case Lifetime (Nom)	75 °C
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Mechanical and housing

Housing	L 150x40x28
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Emergency operation

Battery Voltage Lamp Ignition	165–253 V
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Approval and application

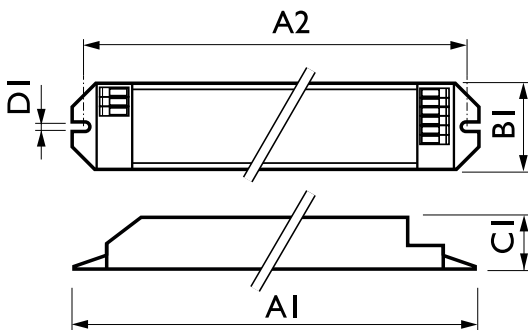
Energy Efficiency Index	A2
IP Classification	IP20 [Finger-protected]

Overvoltage Protection 276Vac	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	872790085878500
Order product name	EB-C 136 TL-D 220-240V 50/60Hz
EAN/UPC - Product	8711500998149
Order code	913713199215
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	20
Material Nr. (12NC)	913713199215
Net Weight (Piece)	0.090 kg

Dimensional drawing



EB-C 136 TL-D 220-240V 50/60Hz

Product	D1	C1	A1	A2	B1
EB-C 136 TL-D 220-240V 50/60Hz	4.2 mm	28.0 mm	150.0 mm	140.0 mm	40.0 mm

