



# EB-Certalume for TL-D lamps

## EB-Ci 1-2 36W / 1-4 18W 220-240V 50/60Hz

EB-Certalume is the most cost-effective, slim and affordable ballast for reliable operation of a fluorescent lamp. It is also the ideal entry-level product for electromagnetic system users who want to enjoy the benefits offered by electronic ballasts. The cost-saving and reliable EB-Certalume has energy efficiency class A2, and its robust design meets all relevant international safety and performance standards. EB-Certalume is intended for use with indoor lighting fixtures such as recessed luminaires, which are widely used in office, industrial, hotel, restaurant and other applications.

### Product data

General Information		Earth Leakage Current (Max)	
Lamp Type	TL-D		0.5 mA
Number of Lamps	1-4 piece/unit	Inrush Current Width	0.35 ms
Suitable For Outdoor Use	No	Ballast Factor (Nom)	1
Number of Products on MCB (16A Type B) (Max)	28	Power Factor (Max)	0.98
Automatic Restart	Yes	Power Factor (Min)	0.90
		Input Power (Max)	70.2 W
		Input Power (Min)	21.3 W
		Power Losses (Max)	6.2 W
		Power Losses (Nom)	3.3 W
		Inrush Current Peak (Max)	19 A
		Rated Lamp Power	18-36 W
Operating and Electrical		Wiring	
Input Voltage	220-240 V	Connector Type Input Terminals	Insert
Input Frequency	50 or 60 Hz	Cable Capacity Output Wires Mutual (Max)	150 pF
Operating Frequency (Nom)	42-60 kHz	Connector Type Output Terminals	Insert
Ignition Method	Warm Start	Cable Length Hot Wiring	0.75 m
Crestfactor (Max)	1.7		
Ignition Time (Nom)	2.0 s		
Mains Voltage Performance (AC)	-10%~+10%		
Mains Voltage Safety (AC)	198...264V		

## EB-Certalume for TL-D lamps

Wire Striplength	7.5-8.5 mm
Input Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Output Terminal Cross Section	0.50-1.50 mm <sup>2</sup>
Cable Capacity Output Wires to Earth (Max)	150 pF
Connector Type	Insert

### System characteristics

Rated Lamp Power on TL-D	18-36 W
System Power on TL-D	21.3-68.2 W
Lamp Power on TL-D	18.0-31.0 W
Power Loss on TL-D	3.3-6.2 W

### Temperature

T-Ambient (Max)	50 °C
T-Case Lifetime (Max)	75 °C
T-Case Maximum (Max)	75 °C
T-Ignition (Max)	50 °C
T-Ignition (Min)	-10 °C

### Mechanical and Housing

Housing Material	Plastic
Housing	L210x30x26mm

### Emergency Operation

Battery Voltage Lamp Ignition	165-253 V
-------------------------------	-----------

### Approval and Application

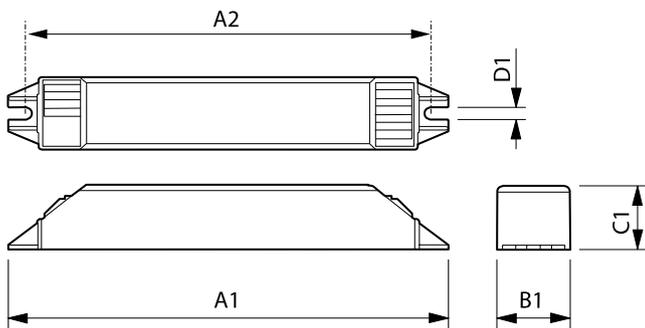
Energy Efficiency Index	A2
-------------------------	----

IP Classification	IP 20 [ Ingress Protection 20]
EMI 9 kHz ... 30 MHz	EN55015
EMI 30 MHz ... 1000 MHz	EN 55015
Safety Standard	IEC 61347-2-3, IEC 61347-1
Quality Standard	ISO 9001
Environmental Standard	ISO 14001
EMC Immunity Standard	EN 55015
Vibration Standard	IEC60068-2-6 F c
Bumps Standard	Not specified
Approval Marks	CB Certificate CCC certificate TISI marking PSB certification RCM compliance CS Compliance IRAM Compliance SNI Certificate
Temperature Marking	Yes
Hum And Noise Level	< 30 dB(A)

### Product Data

Full product code	694793913353600
Order product name	EB-Ci 1-2 36W / 1-4 18W 220-240V 50/60Hz
EAN/UPC - Product	6947939133536
Order code	913713043180
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	30
Material Nr. (12NC)	913713043180
Net Weight (Piece)	0.080 kg

## Dimensional drawing



EB-Ci 1-2 36W / 1-4 18W 220-240v 50/60Hz

Product	A1	A2	B1	C1	D1
EB-Ci 1-2 36W / 1-4 18W 220-240V 50/60Hz	210 mm	200 mm	30 mm	26 mm	4.3 mm

## EB-Certalume for TL-D lamps

