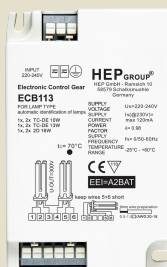


Electronic Ballast for 10-13W X 1 or 2

220-240V



Approval Marks



Conformity

EN 60929
EN 61347-1
EN 61347-2-3

Product Specification

Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		1	-	2	-
Lamp Power	25°C, Nominal Input	8	-	13 X 2	W
Input Frequency	25°C	0	50-60	-	Hz
Input Current	25°C, Nominal Input	-	-	120	mA
Input Power	EEL=A2 BAT Class(CELMA)	10	-	27	W
Rated Input Voltage	25°C	220	230	240	V
AC Input Voltage Range	25°C	180	-	300	V
DC Input Voltage Range	25°C	160	-	300	V
DC Starting Voltage	25°C	-	198	-	V
Power Factor	25°C, Nominal Input	-	0.98	-	-
THD	25 C, Nominal Input, Input Power > 25W	-	-	10	%
Max. Output Voltage		-	-	300	V
Operating Frequency	25°C, Nominal Input	-	45	-	KHz
Lamp Current Crest Factor	25°C, Nominal Input	-	-	1.60	-
Ballast Lumen Factor	25°C, Nominal Input	0.95	-	-	-
Starting Time	25°C, Nominal Input	-	1	-	S
Operating Ambient Temperature	Nominal Input	-25	-	+60	degC
Max Allowed Case Temperature	Minimum Input	-	-	+70	degC
Dimming Range	25°C, Nominal Input	-	-	-	-
Lamp Start At Dimming Position	25°C, Nominal Input	-	-	-	-
Average Service Life	at 60 degC ambient	50,000	-	-	hours
Failure Rate Per 1000h Operation	at 60 degC ambient	-	-	0.25%	-
End - Of - Life Protection			Yes		
Automatic Shutdown In Case Of Lamp Failure			Yes		
Automatic Restart After Lamp Replacement			Yes		

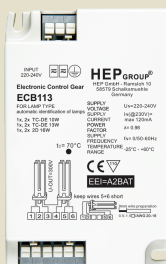
Lamp Type TC-DE 10,13W x 1 or 2
2D 16W x 1 or 2

Application Space

Indoor Use
(Low Humidity, No Condensation)

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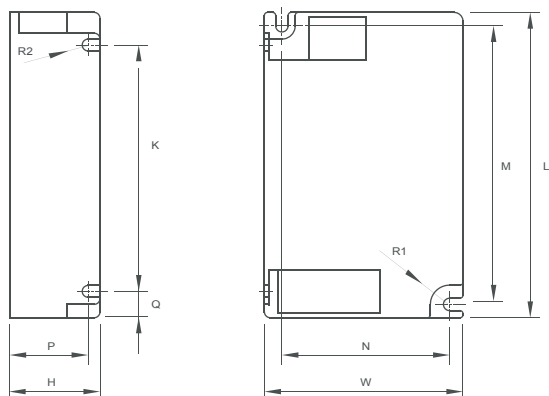
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Physical Parameter



L : 103 mm H : 30.5 mm R1: 2.1 mm
M: 94 mm P : 26.5 mm R2: 2 mm
N : 56.6 mm K : 83.1 mm
W: 67 mm Q : 4 mm

Slot On One Side Allowing Alignment : M \pm 3 mm

Tolerance : $\geq 0 \sim 100 \geq \pm 0.5$ mm

$100 \sim \geq \pm 1$ mm

Terminal Block : Push-Button
Housing Material : Polycarbonate
Soldering : Lead - Free, Comply With RoHS
Label : Surface Print

Wiring Diagram

