

Electronic Ballast for 18W X 1 or 2

220-240V



Approval Marks



Certified

EN 55015
 EN 61000-3-2
 EN 61000-3-3 +A1
 EN 61547+A1
 EN 61347-1

EN 61347-2-3
 EN 60929

Product Specification

Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		1	-	2	-
Lamp Power	25°C, Nominal Input	16.5	-	16.3 X 2	W
Input Power	EEL=A2 Class(CELMA)	19	-	37	W
Rated Input Voltage	25°C	220	230	240	V
AC Input Voltage Range	25°C	198	-	264	V
DC Input Voltage Range	25°C	180	-	260	V
Input Frequency	25°C	0	50-60	-	Hz
Input Current	25°C, Nominal Input	85	-	165	mA
Power Factor	25°C, Nominal Input	0.93	0.98	-	-
Operating Frequency	25°C, Nominal Input	40	-	-	KHz
Lamp Current Crest Factor	25°C, Nominal Input	-	-	1.60	-
THD	25°C, Nominal Input	-	-	24%	-
Ballast Lumen Factor	25°C, Nominal Input	0.92	0.95	1.05	-
Starting Time	25°C, Nominal Input	-	1	1.5	S
Operating Ambient Temperature	Nominal Input	-25	-	+60	degC
Max Allowed Case Temperature	Minimum Input	-	-	+75	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	-	-	0.20%	-
End - Of - Life Protection			Yes		
Automatic Shutdown In Case Of Lamp Failure			Yes		
Automatic Restart After Lamp Replacement			Yes		

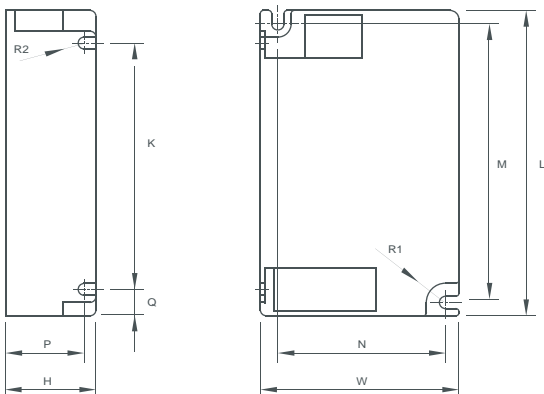
Lamp Type TC-DE 18W x 1 or 2
 TC-TE 18W x 1 or 2
 2D 21W x 1 or 2

Application Space

Indoor Use
 (Low Humidity, No Condensation)

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+/-3 mm
 Tolerance : ≥0 ~ 100 ≥+/-0.5 mm
 100 ~ ≥ +/-1 mm

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

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Wiring Diagram

