

Electronic Ballast for 18-40W X 1

220-240V



Approval Marks



Certified

EN 60929:2006+C11:2006
 EN 61347-1:2008+A1:2011
 EN 61347-2-3:2001+A1:2004+A2:2006

Product Specification

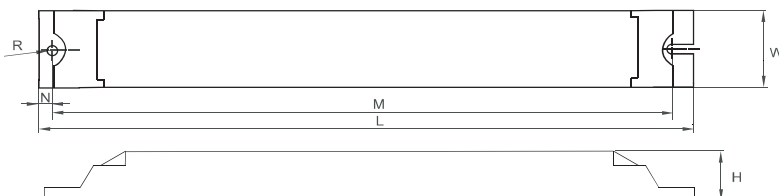
Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		-	1	-	-
Lamp Power	25°C, Nominal Input	14	-	41.5	W
Input Power	EEL=A2 BAT Class (CELMA)	17	-	46	W
Rated Input Voltage	25°C	220	-	240	V
AC Input Voltage Range	25°C	198	-	264	V
DC Input Voltage Range	25°C	-	-	-	V
Input Frequency	25°C	-	50-60	-	Hz
Input Current	25°C, 50Hz, 230V	75	-	205	mA
Input Current	25°C, 60Hz, 277V/120V	-	-	-	mA
Power Factor(Full light output)	25°C, 50Hz, 230V	0.95	-	-	-
Power Factor(Full light output)	25°C, 60Hz, 277V/120V	-	-	-	-
Operating Frequency	25°C, Rated Input Voltage	40	-	-	KHz
Lamp Current Crest Factor	25°C, Rated Input Voltage	-	-	1.70	-
THD (Full light output)	25°C, 50Hz, 230V	-	-	10%	-
THD (Full light output)	25°C, 60Hz, ANSI C82.11/120V	-	-	-	-
Ballast Lumen Factor	25°C, Rated Input Voltage	-	1.00	-	-
Starting Time	25°C, Rated Input Voltage	-	1	-	S
Operating Ambient Temperature	25°C, Rated Input Voltage	-25	-	+50	degC
Max Allowed Case Temperature	25°C, Rated Input Voltage	-	-	+65	degC
Sink current (for 1-10V dimmable ballast)	25°C, Rated Input Voltage	-	-	-	mA
Dimming Range	25°C, Rated Input Voltage	-	-	-	-
Lamp Start At Dimming Position	25°C, Rated Input Voltage	-	-	-	-
Average Service Life (10% Failure Rate)	at 50 degC ambient	50,000	-	-	hours
Failure Rate Per 1000h Operation	at 50 degC ambient	-	-	0.20%	-
Power Consumption (No load)	25°C, Rated Input Voltage	-	-	-	W
Power Consumption (Stand-by)	25°C, Rated Input Voltage	-	-	-	W
Sound Rating	25°C, Rated Input Voltage	-	Class A	-	-
Remote Mounting	Lengths of applied Lamp	-	-	1 1/2x	-
End - Of - Life Protection			Yes		
Automatic Shutdown In Case Of Lamp Failure			Yes		
Automatic Restart After Lamp Replacement			Yes		
Power consumption measurement (for DALI dimmable ballast)			No		

Lamp Type 1 x T5 24,39W 1 x T8 18,25,36W
 1 x TC-L 18,24,36,40W
 1 x TC-F 18,24,36W

Application Site

Low Humidity, No Condensation

Physical Parameter



L : 280 mm H : 22 mm R : 2 mm
 W : 30 mm M : 265 mm N : 4.5 mm
 Slot On One Side Allowing Alignment : M+/-3 mm
 Tolerance : ≥0 ~ 100 ≥ +/-0.5 mm
 100 ~ ≥ +/-1 mm
 Terminal Block : Push Button, Angled Entry
 Housing Material : Metal, No Sharp Edges
 Soldering : Lead - Free, Comply With RoHS
 Label : Surface Print

Model : ESB118-40

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Wiring Diagram

