

**Electronic Ballast for 18-40W X 1**

**120-277V**



**Applying**



**Complied**

EMC:  
EN55015, EN61000-3-2, EN61000-3-3, EN61547  
Safety:  
EN60929, EN61347-1, EN61347-2-3

**Product Specification**

Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		-	1	-	-
Lamp Power	25 °C, Nominal Input	14.5	-	42	W
Input Power	EEL=A1 BAT Class (CELMA)	16.5	-	47.5	W
Rated Input Voltage	25 °C	120	230	277	V
AC Input Voltage Range	25 °C	108	-	305	V
DC Input Voltage Range	25 °C	160	-	300	V
Input Frequency	25 °C	0	50-60	-	Hz
Input Current	25 °C ,50Hz, 230V	75	-	220	mA
Input Current	25 °C ,60Hz, 277V/120V	64	-	390	mA
Power Factor(Full light output)	25 °C ,50Hz, 230V	0.93	-	-	-
Power Factor(Full light output)	25 °C ,60Hz, 277V/120V	0.90	-	0.98	-
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	-	-	15%	-
THD (Full light output)	25 °C ,60Hz, ANSI C82.11/120V	-	-	10%	-
Ballast Lumen Factor	25 °C, Rated Input Voltage	-	0.95	-	-
Starting Time	25 °C, Rated Input Voltage	-	1	-	S
Operating Ambient Temperature	25 °C, Rated Input Voltage	+10	-	+60	degC
Max Allowed Case Temperature	25 °C, Rated Input Voltage	-	-	+75	degC
Sink current (for 1-10V dimmable ballast)	25 °C, Rated Input Voltage	-	-	-	mA
Dimming Range	25 °C, Rated Input Voltage	1%	-	100%	-
Lamp Start At Dimming Position	25 °C, Rated Input Voltage	1%	-	100%	-
Average Service Life	at 60 degC ambient	60,000	-	-	hours
Failure Rate Per 1000h Operation	at 60 degC ambient	-	-	0.20%	-
Power Consumption (No load)	25 °C, Rated Input Voltage	-	-	0.3	W
Power Consumption (Stand-by)	25 °C, Rated Input Voltage	-	-	0.3	W
Sound Rating	25 °C, Rated Input Voltage	-	-	28	dB
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		

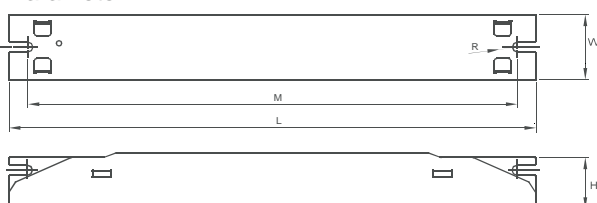
**Lamp Type** 1 x T5 24,39W  
1 x T8 18,25,36W  
1 x TC-L 18,24,36,40W  
1 x TC-F 18,24,36W

**Application Site**

Low Humidity, No Condensation

**Physical**

**Parameter**



L : 360 mm H : 21 mm

W: 30 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

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**Wiring Diagram**

