

**Electronic Ballast for 18-40W X 2**

**120-277V**



**Approval Marks**



**Certified**

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

**Product Specification**

Parameter	Conditions	Min	Nom	Max	Unit
Number Of Lamps Driven		-	2	-	-
Lamp Power	25 °C, Nominal Input	15x2	-	41x2	W
Input Power	EEL=A1 BAT Class (CELMA)	35.6	-	87	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	153	-	383	mA
Input Current	25 °C ,60Hz, 277V/120V	140	-	720	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	-	-	18%	-
THD (Full light output)	25 °C ,60Hz, ANSI C82.11/120V	-	-	12%	-
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**

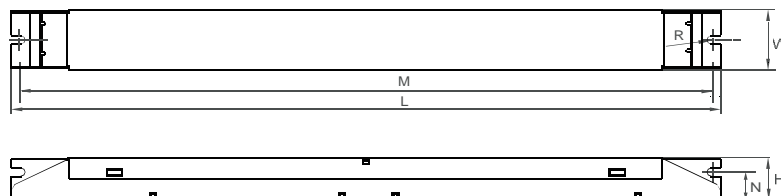
T5 24W HO x 2, T5 39 HO x 2  
 T8 18W x 2, T8 25W x 2, T8 36W x 2  
 TC-L 18W x 2, TC-L 24W x 2, TC-L 36W x 2, TC-L 40W x 2  
 TC-F 18W x 2, TC-F 24W x 2, TC-F 36W x 2

**Application Site**

Low Humidity, No Condensation

**Physical**

**Parameter**



L : 425 mm M : 415 mm H : 21.5 mm  
 W : 30.4 mm N : 14.3 mm R : 2.1 mm  
 Slot On One Side Allowing Alignment : M +/- 3 mm  
 Tolerance :  $\geq 0 \sim 100 \geq +/- 0.5$  mm  
 $100 \sim \geq +/- 1$  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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**Applying**

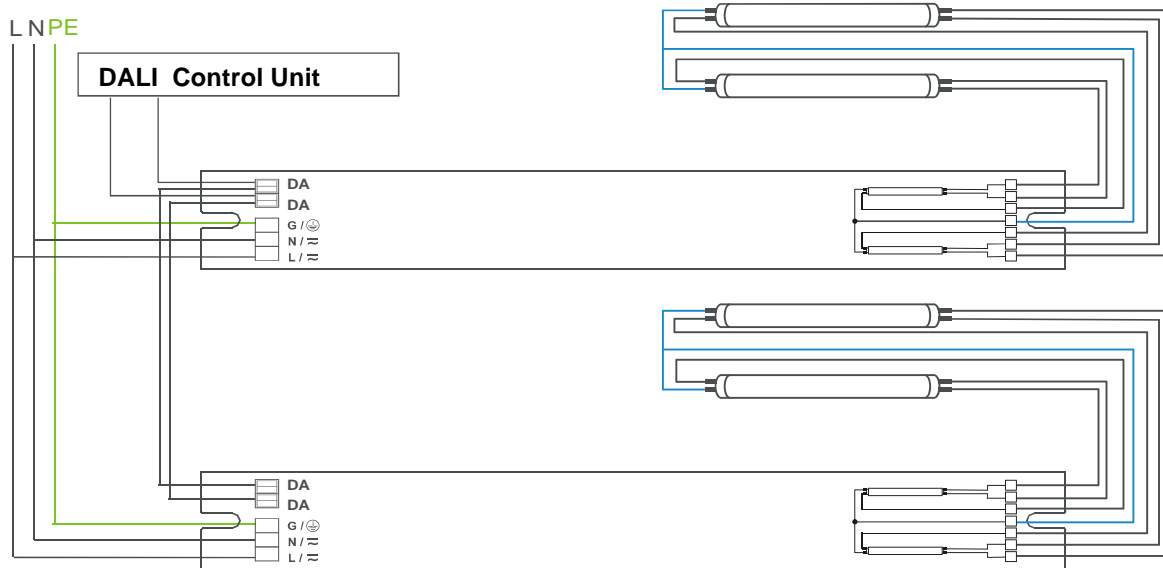


**Complied**

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

**Wiring Diagram**

**Ballast to DALI bus**



**Touch Dim mode**

