

CXA-M10M-L

Non-dimming/On-board Type

Features

- 1 and 2 outputs
- UL60950 approved
- Applicable panel size*: 3 to 10 inches
- Select of quantity for output and output current is possible by connection method.

(Notice) Applicable panel size becomes a standard.

Applications



CXA-M10M-L Specifications (Please refer to each specification before use)

Electrical Characteristics

CONNECTION A

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	9	10	11	24±0.24	23±5	40	
			8	10	12	24±1.2	-10 to +60	30 to 50	
Input Current	A	Iin	-	0.21	0.33	24±1.2	-10 to +60	30 to 50	
Frequency	kHz	Freq	23	28	33	24±1.2	-10 to +60	30 to 50	
Open Circuit Voltage	Vrms	Vopen	1000	1200	-	24±1.2	-10 to +60	∞	Open load

CONNECTION B

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	5.0	6.0	6.4	24±0.24	23±5	67	
			4.4	6.0	7.0	24±1.2	-10 to +60	50 to 84	
Input Current	A	Iin	-	0.14	0.21	24±1.2	-10 to +60	50 to 84	
Frequency	kHz	Freq	26	31	36	24±1.2	-10 to +60	50 to 84	
Open Circuit Voltage	Vrms	Vopen	1000	1200	-	24±1.2	-10 to +60	∞	Open load

CONNECTION C

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	4.3	5.0	5.5	24±0.24	23±5	80	
			3.8	5.0	6.0	24±1.2	-10 to +60	60 to 100	
Input Current	A	Iin	-	0.12	0.19	24±1.2	-10 to +60	60 to 100	
Frequency	kHz	Freq	23	28	33	24±1.2	-10 to +60	60 to 100	
Open Circuit Voltage	Vrms	Vopen	1000	1200	-	24±1.2	-10 to +60	∞	Open load

CONNECTION AD

Item	Unit	Symbol	Specification			Condition			Remark
			min	typ	max	Vin(V)	Ta(°C)	RL(kΩ)	
Output Current	mA	Iout	4.5	5.0	5.5	24±0.24	23±5	80	
			4.0	5.0	6.0	24±1.2	-10 to +60	60 to 100	
Input Current	A	Iin	-	0.21	0.33	24±1.2	-10 to +60	60 to 100	
Frequency	kHz	Freq	23	28	33	24±1.2	-10 to +60	60 to 100	
Open Circuit Voltage	Vrms	Vopen	1000	1200	-	24±1.2	-10 to +60	∞	Open load

Other Specifications

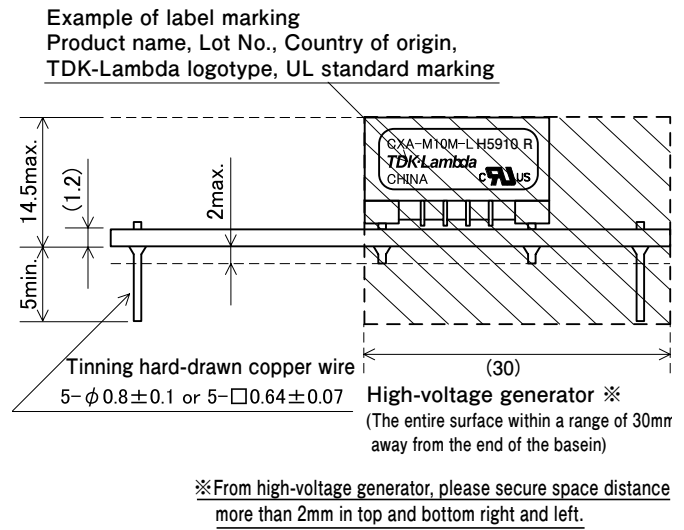
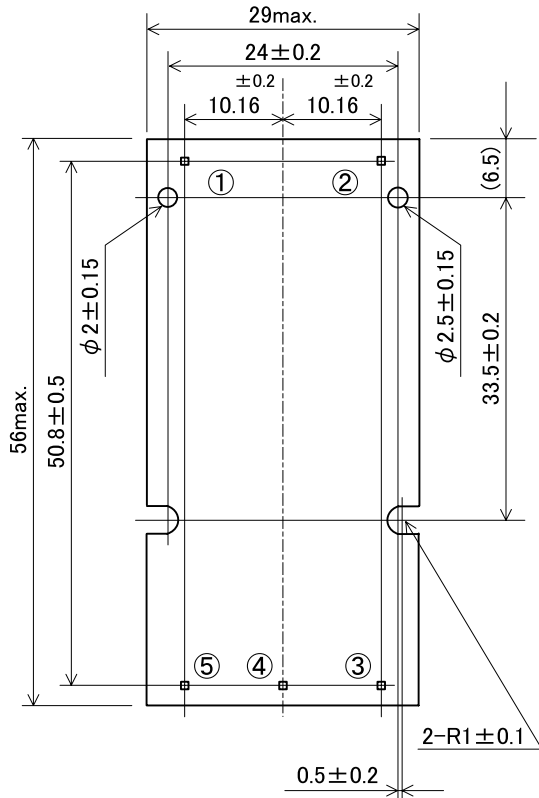
Dimming Function		No
Operating Temperature	°C	-10 to +60
Storage Temperature	°C	-20 to +85
Operating Humidity Ratio	RH%	95Max
Safety Standard		UL60950
Weight	g	21
Dimensions(WxDxH)	mm	56x29x16.5 (*1)
Fused Input		No
Remote ON / OFF		No
Alarm Signal Function		No
Shutdown Function		No
Silicone Coating on High Voltage Area		No

(*1) These dimensions are indicated the maximum. Length of input-output terminal pin is not included.

Conformity to RoHS Directive

This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

Outline Drawing



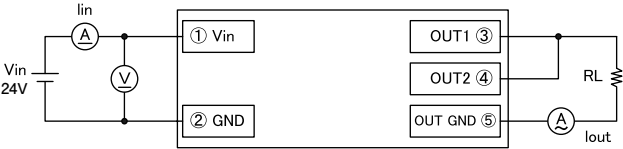
unit:mm

Terminal Numbers And Functions

Terminal number	Symbol	Rated voltage
①	Vin	24V
②	GND	0V
③	OUT1	300Vrms
④	OUT2	300Vrms
⑤	OUT GND	0V

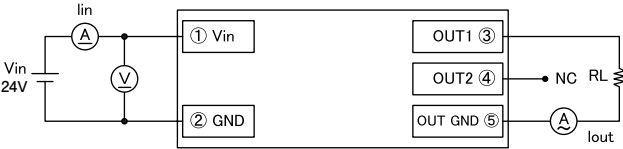
Connections

CONNECTION A



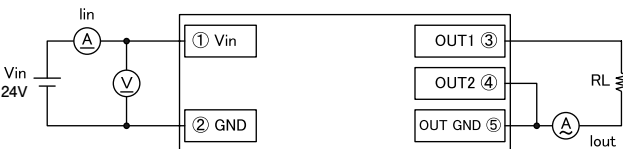
Shunting in OUT1 and OUT2

CONNECTION B



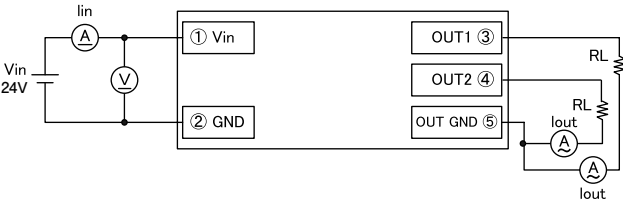
Open OUT1 or OUT2

CONNECTION C



Shunting in OUT2 and OUT - GND

CONNECTION D



R_L : Load resistance (7W minimum)