

EWS 15 Specifications

NEMIC-LAMBDA

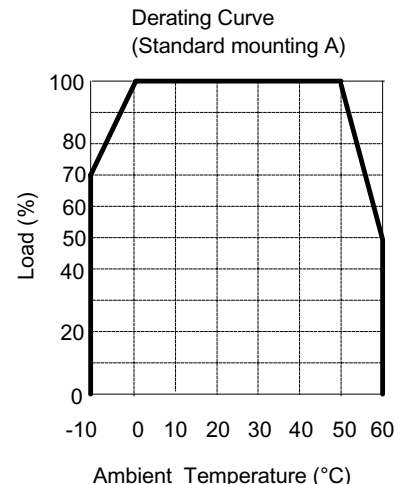
*:For delivery, contact to our sales office.

MODEL			PA710-01-01C								
ITEMS			EWS15-5	EWS15-6	EWS15-9	EWS15-12	EWS15-15	EWS15-18	EWS15-24	EWS15-28	EWS15-48
1	Nominal Output Voltage	V	5	6	9	12	15	18	24	28	48
2	Maximum Output Current	A	3.0	2.5	1.7	1.4	1.1	0.9	0.7	0.6	0.35
3	Maximum Output Power	W	15.0	15.0	15.3	16.8	16.5	16.2	16.8	16.8	16.8
4	Efficiency (Typ)	(*) %	70	70	72	74	74	75	76	76	78
5	Input Voltage Range	(*) -	85 ~ 265VAC (47 ~ 440Hz) or 110 ~ 330VDC. AC Input Voltage and frequency range shown on Panel Label:85-250VAC(47-63Hz)								
6	Input Current (Typ)	(*) A	0.4A at 100VAC, 0.2A at 200VAC								
7	Inrush Current(Typ)	(*) -	14A at 100VAC, 28A at 200VAC								
8	Output Voltage Range (Typ)	%	±10%								
9	Maximum Ripple & Noise	mV	120	120	150	150	150	150	200	200	250
10	Maximum Line Regulation	(*) mV	20	24	36	48	60	72	96	112	192
11	Maximum Load Regulation	(*) mV	40	50	70	100	120	140	150	160	380
12	Over Current Protection	(*) A	3.15 ~	2.63 ~	1.79 ~	1.47 ~	1.16 ~	0.95 ~	0.74 ~	0.63 ~	0.37 ~
13	Over Voltage Protection	(*) V	5.75 ~	6.9 ~	10.4 ~	13.8 ~	17.3 ~	20.7 ~	27.6 ~	32.2 ~	55.2 ~
			6.75	8.1	12.2	16.2	20.3	24.3	32.4	37.8	64.8
14	Hold-up Time	(*) ms	More than 16ms at 100VAC / 100ms at 200VAC								
15	Remote Sensing	-	—								
16	Remote ON/OFF Control	-	—								
17	Parallel Operation	-	—								
18	Series Operation	-	Possible								
19	Operating Temperature	°C	-10 ~ +60°C (-10°C : 70%, 0 ~ +50°C : 100%, +60°C : 50%)								
20	Operating Humidity	%	30 ~ 90%RH (No dewdrop)								
21	Storage Temperature	°C	-30 ~ +85°C								
22	Storage Humidity	%	10 ~ 95%RH (No dewdrop)								
23	Cooling	-	Convection Cooling								
24	Temperature Coefficient (Typ)	%	0 ~ +60°C : 1%, -10 ~ +60°C : 1.5%								
25	Withstand Voltage	(*) kV	Input - Output : 3.75kVAC (20mA) for 1min. Input - Chassis : 2.5kVAC (20mA) for 1min.								
26	Isolation Resistance	(*) Ω	More than 100MΩ at 500VDC at 25°C and 70%RH for 1min.								
27	Vibration	G	Less than 2G								
28	Shock	G	Less than 20G								
29	Safety Standard	UL1950	- Approved by UL								
		CSA950	- Approved by C-UL								
		EN60950	- Approved by TUV								
30	Conducted Emission	-	Built to meet FCC-ClassA, VCCI-ClassA.								
31	Weight	g	270								
32	Size (WxHxD)	mm	35 x 97 x 90 (Refer to Outline Drawing)								

*Read instruction manual carefully, before using the power supply unit.

=NOTES=

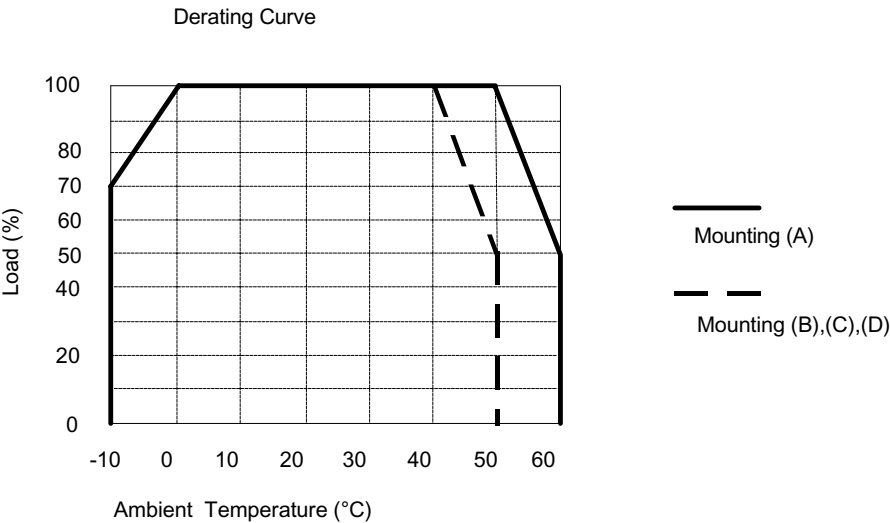
- *1. At 100VAC and maximum output power.
- *2. For cases where conformance to various safety specs (UL, CSA, etc) are required, input voltage and frequency range will be 85 - 250VAC, 47 - 63Hz.
- *3. From 85 ~ 265VAC or 110 ~ 330VDC, constant load.
- *4. From No load to Maximum load, constant input voltage.
- *5. Foldback current limiting with automatic recovery.
- *6. At 100AC/200VAC, 15W output power.
- *7. Inverter shut-down method, manual reset.
- *8. Typical value at cold start Ta = 25°C.
- *9. 3.75kVAC : Input - Output with FG - ACG connected
2.5kVAC : Input - Chassis with FG - ACG connected
- *10. Output - Chassis



EWS 15 OUTPUT DERATING

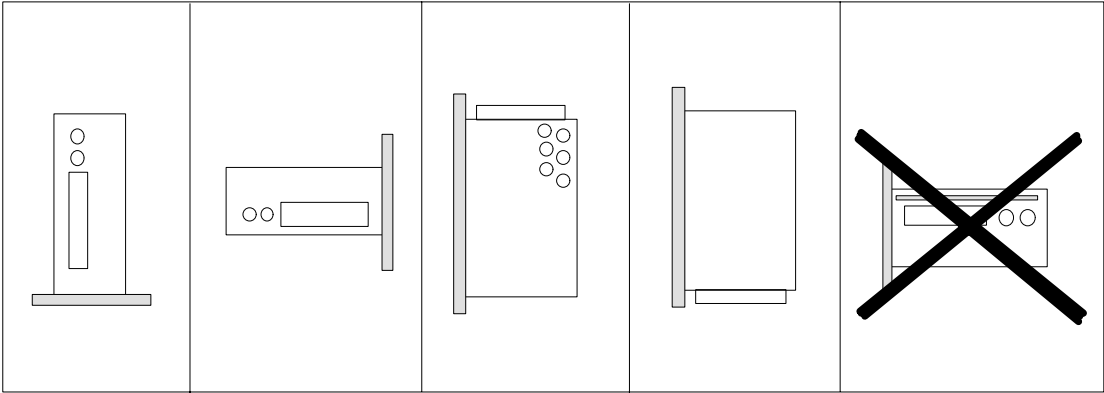
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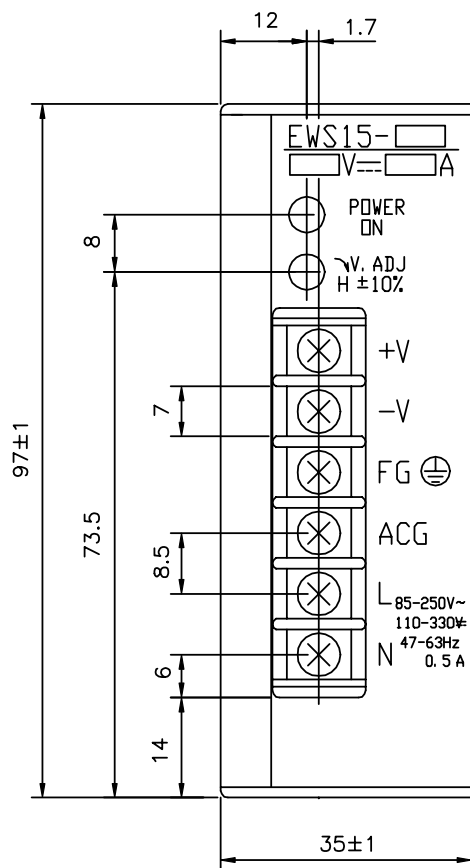
Ambent Temparatue(°c)	LOAD (%)			
	MOUNTING:A	MOUNTING:B	MOUNTING:C	MOUNTING:D
-10	70	70	70	70
0 ~ +10	100	100	100	100
20	100	100	100	100
30	100	100	100	100
40	100	100	100	100
50	100	50	50	50
60	50	-	-	-



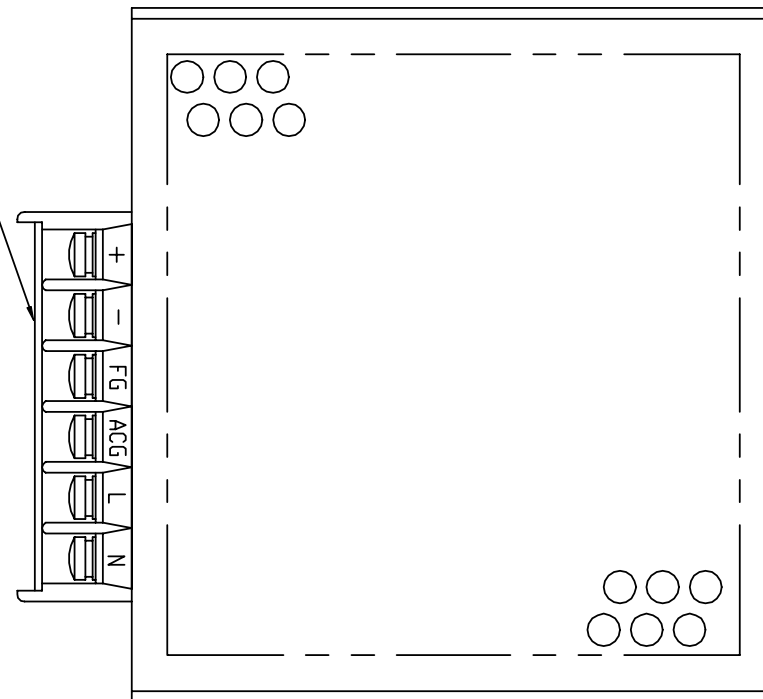
MOUNTING : A MOUNTING : B MOUNTING : C MOUNTING : D DON'T USE

(STANDARD MOUNTING)





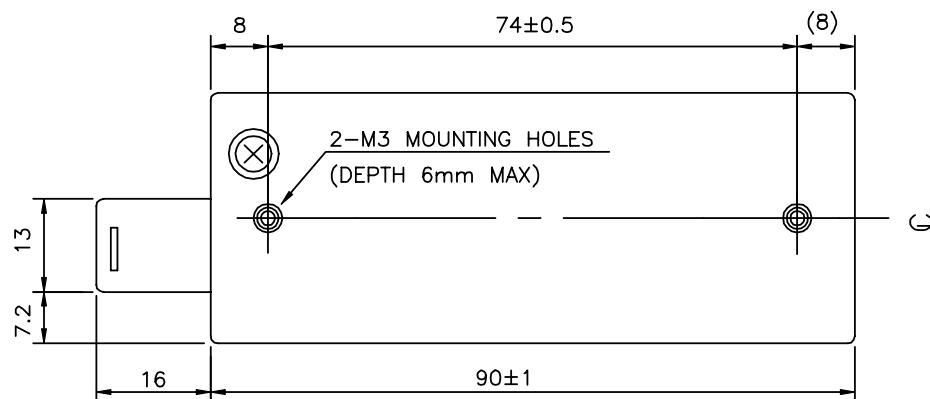
TERMINAL COVER



===ACCESSORIES===

*COVER FOR BARRIER TERMINAL STRIP --- 1

*METAL PIECE FOR SHORTING PURPOSES ACG & FG ---1
(MOUNTED ON TERMINAL STRIP AT TIME OF SHIPMENT.)



(unit : mm)

MODEL	EWS15
NEMIC-LAMBDA	

PA710-02-01M