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Certificate of Compliance

Certificate Number: LR 91780-74C

Revision: LR 91780-74C

Date Issued: September 3, 1996

Issued To: GOUTANT LAMBDA LIMITED
Kingsley Avenue
Ilfracombe
Devon EX34 8ES, England

SUBMITTOR

The products listed below are eligible to bear the CSA Mark.

Issued By: L. Lorrain, Sr. Tech.
Montreal, PQ, CANADA

Signature

PRODUCTS

CLASS 5311 03 - POWER SUPPLIES - Component Type

Component type power supplies intended for use with Information Processing and Business Equipment, where the suitability of the combination is to be determined by the Canadian Standards Association.

The following models have inputs rated:

Input operating range: 90-255V ac max, 100-230V ac nominal, 47-63Hz, 10A RMS max.

Classification Level 6

Models: Alpha 600 or CA600 may be followed by:

@ followed by: A, B, C, D, G, M, N.
and/or @/@ followed by: E, H or P
and/or B/S
@ and @/@ = voltage range of output.

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With the restriction that only up to five 23 mm slots per unit may be filled, noting that each module occupies one slot, except for A and G modules which occupy two 23 mm slots.

B/S - Blanking plate, which fills one 23 mm slot.

A, B, C, H, M, N, P - output module type

For module A	@ - 4.5-5.5V
For module B	@ - 4.5-5.5V
For module C	@ - 5-15V
For module D	@ - 18-28V
For module E	@/@ - 5-15/5-15V
For module G	@ - 18V-28V
For module H	@/@ - 18-28/18-28V
For module M	@ - 5-15V
For module N	@ - 18-28V
For module P	@/@ - 18-28/5-15V

Module	Voltage	Current	Width	Occupied Slots	Turns	Amp Turns	Level
A	4.5-5.5V	60A	46 mm	2	1	60	5
B	4.5-5.5V	25A	23 mm	1	1	25	3
C	5-15V	16A	23 mm	1	2	32	5
D	18-28V	8A	23 mm	1	4	32	5
E Twin	5-15/5-15V	8/8A	23 mm	1	2/2	16/16	3
G	18-28V	25A	46 mm	2	4	100	5
H Twin	18-28/18-28V	5/5A	23 mm	1	4/4	20/20	3
M	5-15V	8A	23 mm	1	2	16	3
N	18-28V	5A	23 mm	1	4	20	3
P Twin	18-28/5-15V	5/8A	23 mm	1	4/2	20/16	3

Max output = 600W
Max Ampere Turns = 120
Max Ambient = 50°C

(i) A modules can be used up to 60A in any slot
(ii) B modules can be used up to 25A in any slot
(iii) C modules can be used up to 16A at 12V and used up to 12A at 15V. Module derates linearly above 12V
(iv) D modules can be used up to 8A in any slot
(v) E modules can be used up to 8A per channel in any slot
(vi) G modules can be used up to 25A in any slot
(vii) H modules can be used up to 5A per channel in any slot
(viii) M modules can be used up to 8A in any slot
(ix) N modules can be used up to 5A in any slot
(x) P modules can be used up to 5A in the 18-28V channel in any slot
P modules can be used up to 8A in the 5-15V channel in any slot

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 234-M90 - Safety of Component Power Supplies