



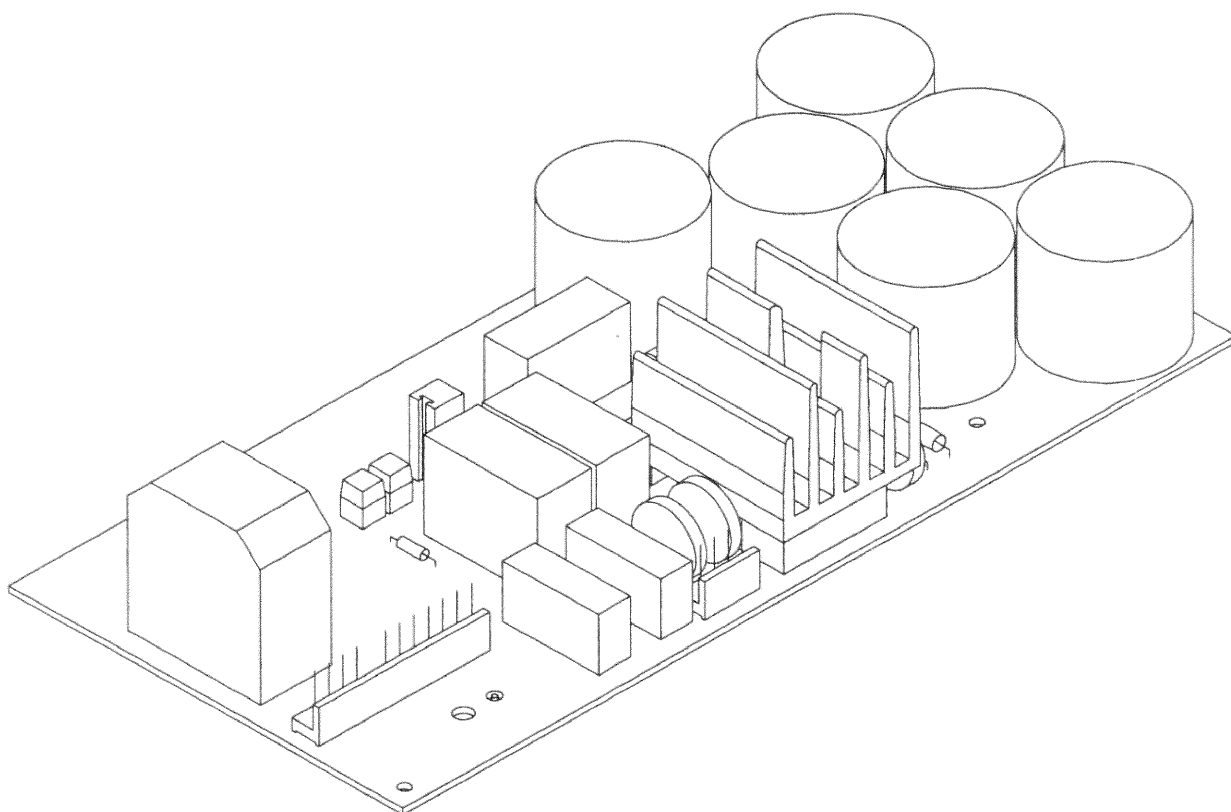
BARCO Projection Systems

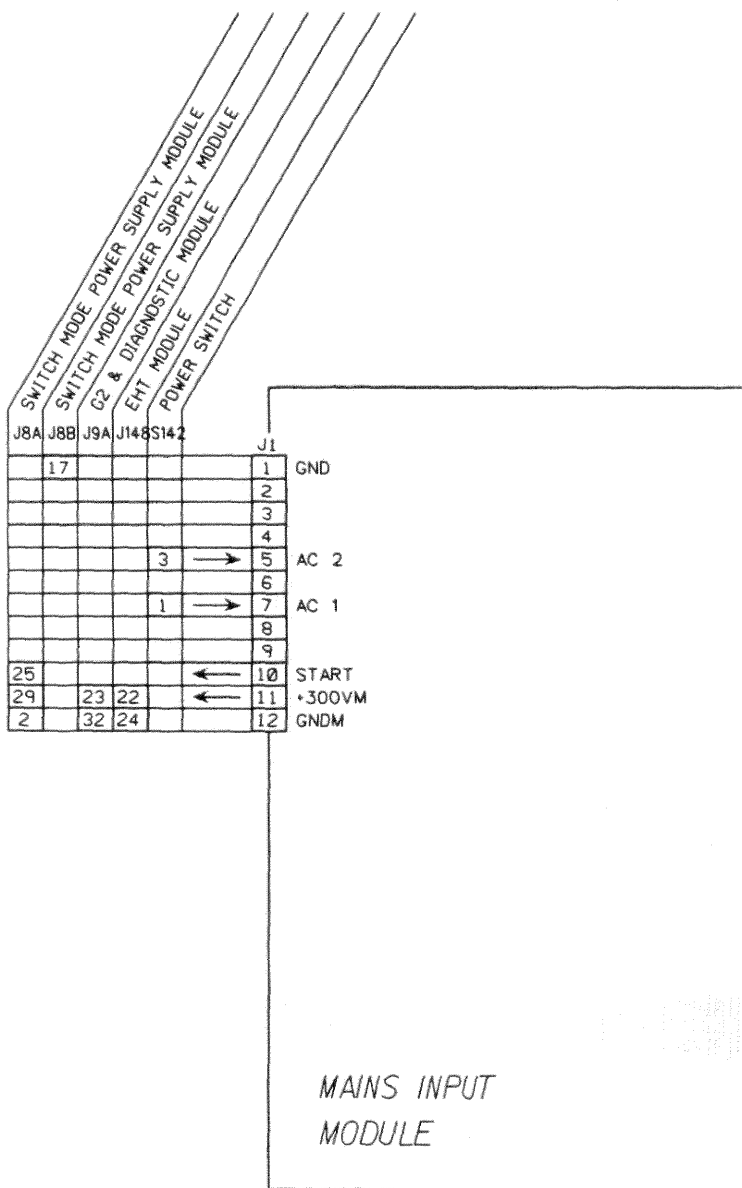
**SECTION M**

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**service sheet**

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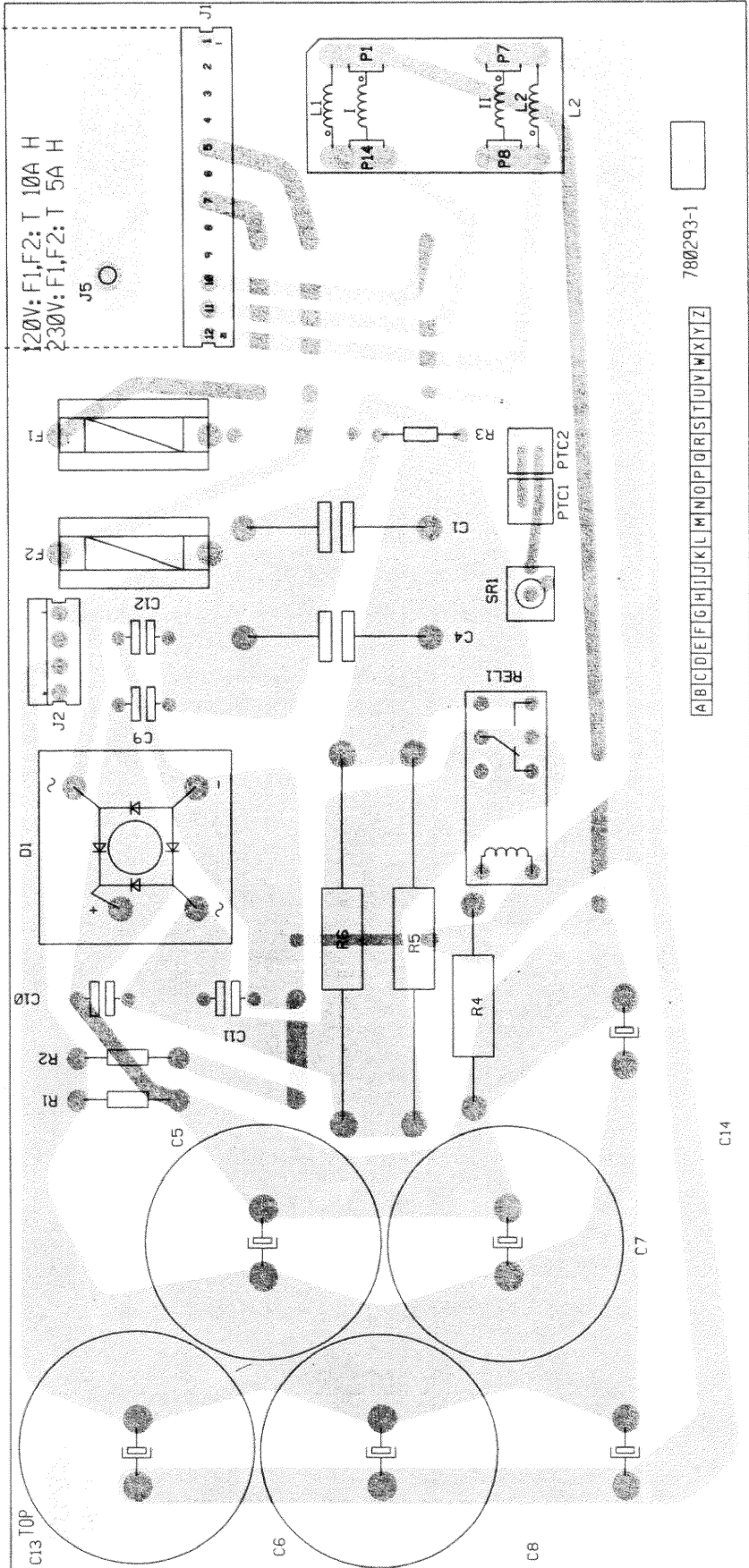
MAINS INPUT  
MODULE

Modifications reserved

Name Interconnection		Article nr.
MAINS INPUT MODULE		76 2284-1
Date	Drawn	Checked
16-11-1993	JVDY	PGV

BARCO PROJECTION SYSTEMS

From FRAME



780293-1

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Name	MAINS INPUT	Article nr.
Date	28-09-1993	76 2284-1
Drawn	JVDY	Checked
		PGV

BARCO PROJECTION SYSTEMS

Modifications reserved



(Components marked with \* or Δ are not mounted)

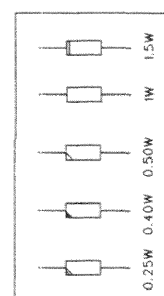
Modifications reserved

CT

DT

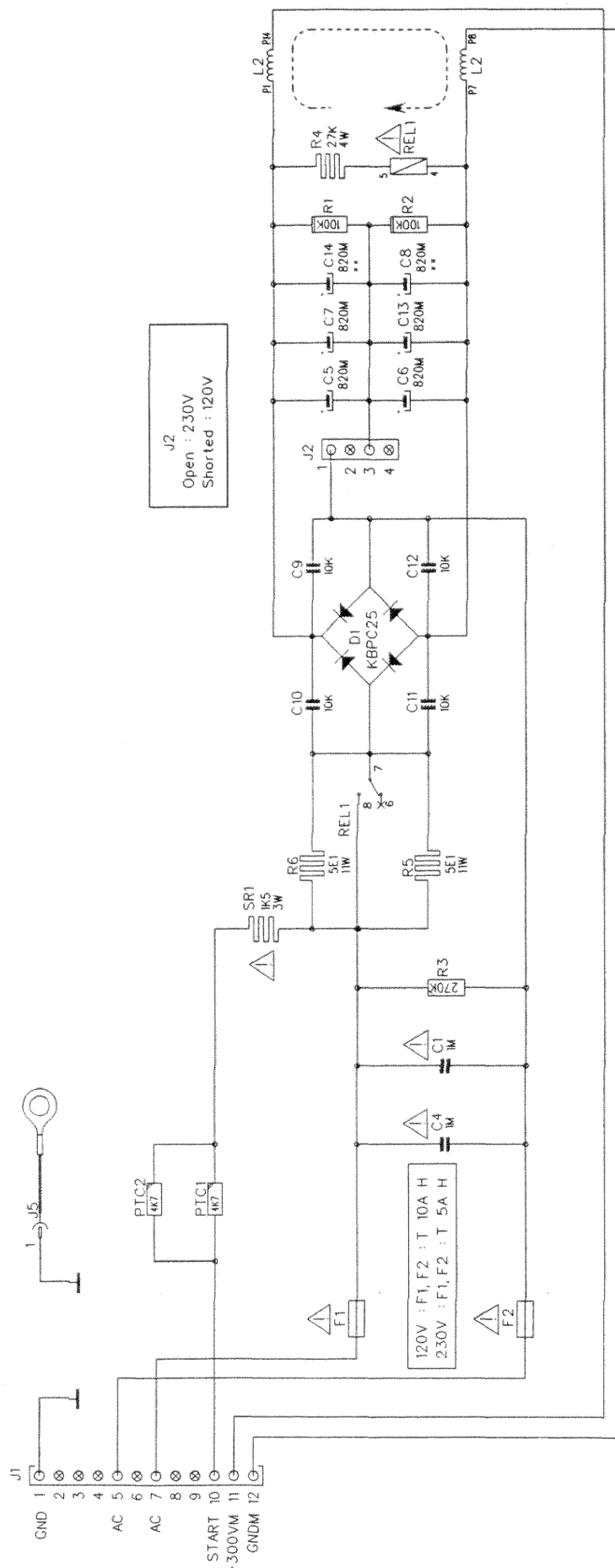
# PRODUCT SAFETY NOTICE

COMPONENTS MARKED WITH \* OR Δ HAVE SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. BEFORE REPLACING ANY OF THESE COMPONENTS, READ CAREFULLY THE SERVICE SAFETY PRECAUTIONS. DO NOT DEGRADE THE SAFETY OF THIS SET THROUGH IMPROPER SERVICING.



Name MAINS INPUT MODULE		Article nr. 76 2284-1	
Date 22-04-1993	Drawn JVDY	Checked PGV	

BARCO PROJECTION SYSTEMS



J2  
Open : 230V  
Shorted : 120V



## Input power (mains) voltage adaptation.

### Attention

The BARCOGRAPHICS 1200 - 90 00601 leaves the factory to operate on a power (mains) input of 230 Vac.  
The BARCOGRAPHICS 1200 - 90 00608 leaves the factory to operate on a power (mains) input of 120 Vac.

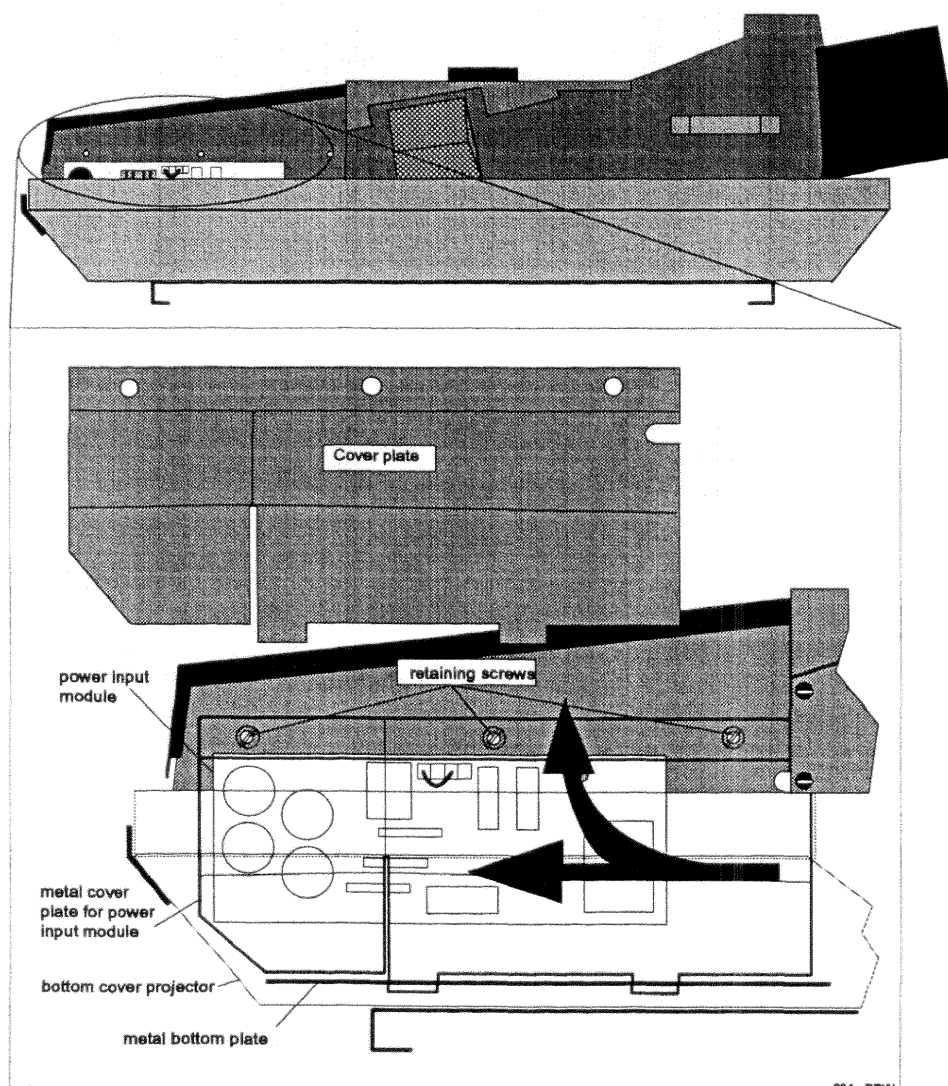
Adaptation of the power input of the projector between 230 Vac and 120 Vac or vice versa is possible. Follow the procedure as described below.

### WARNING

**This circuit board is hot to AC. This Power input does not use a line isolation transformer, meaning the circuitry is HOT-TO-LINE and should be treated with caution.**

### Procedure

1. To be quite on the safety side, make sure the power cord is unplugged;
2. Open the top cover (see § Getting access to the controls of the installation manual).
3. Remove the retaining screws of the power input cover. Slide the metal cover a little to the left and further upwards to remove.



694a.DRW

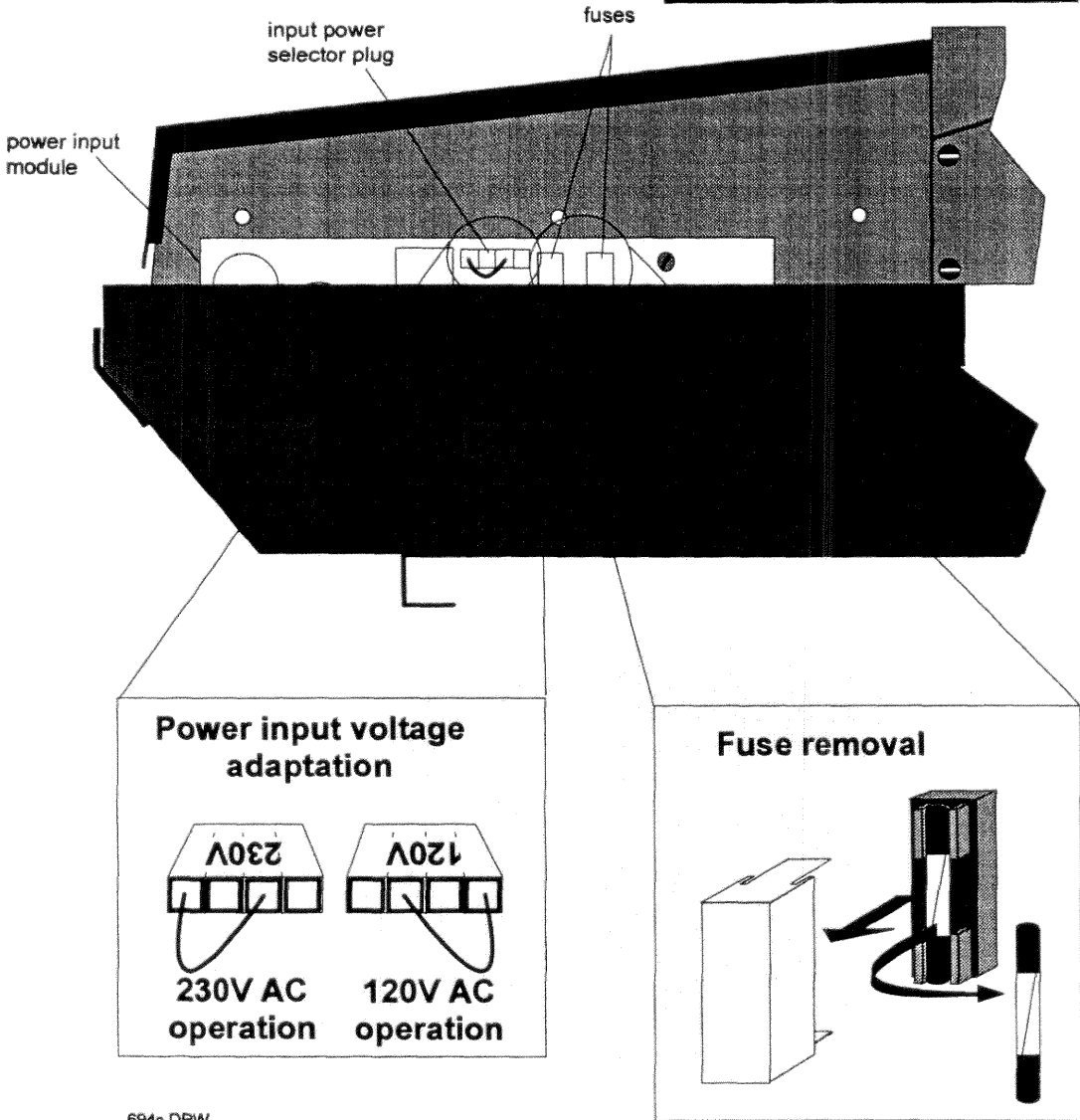
- 4. Pull out the 'power selector plug' and re-insert it as illustrated in the drawing below, depending on the wall outlet in the room.
- 5. Open the fuse holder caps and pull out the fuses. Place the correct fuses in their sockets. Refer to table for the correct fuses.

**Warning**

For continued protection against fire hazard :

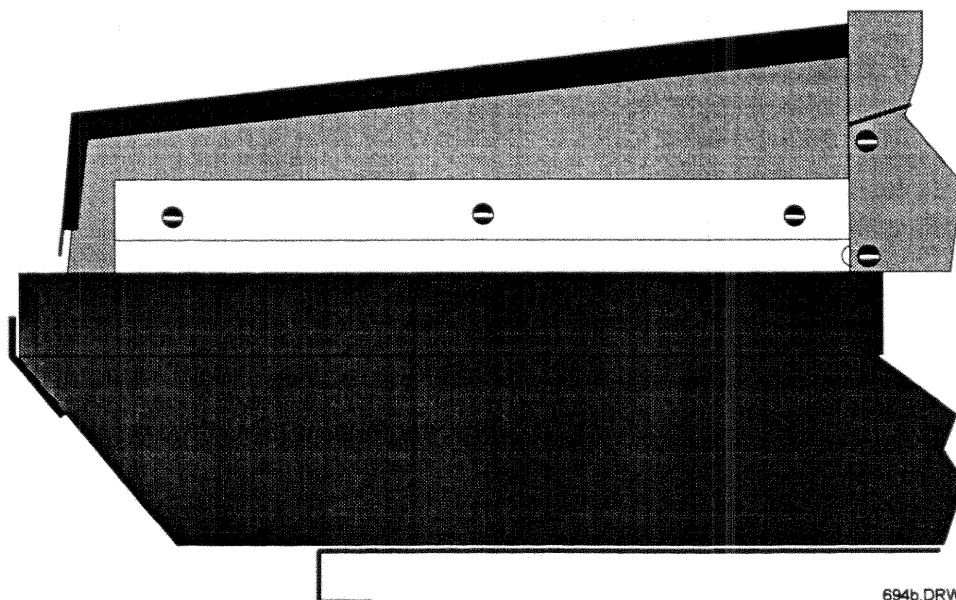
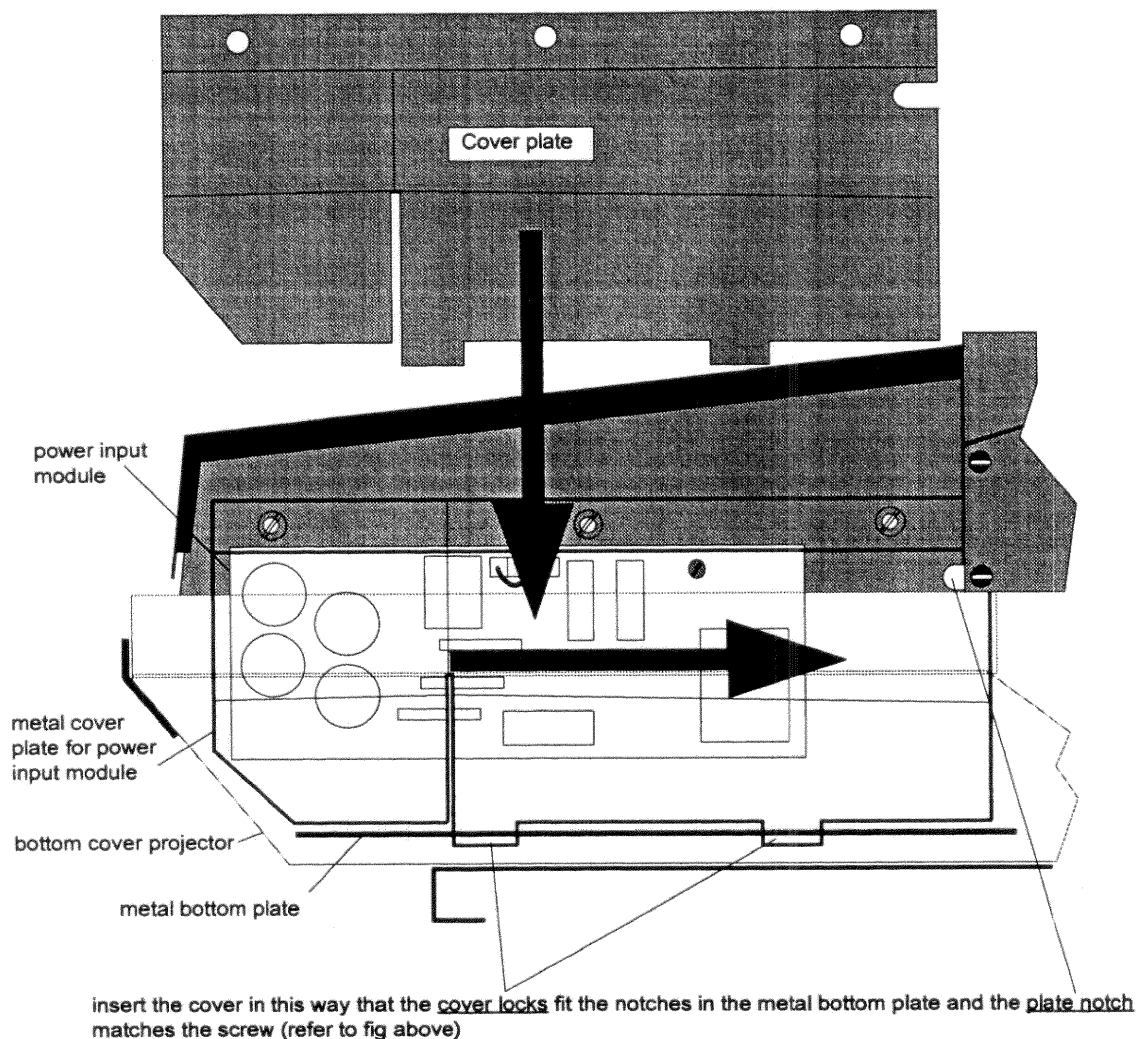
- replace with the same type of fuse
- refer replacement to qualified service personnel

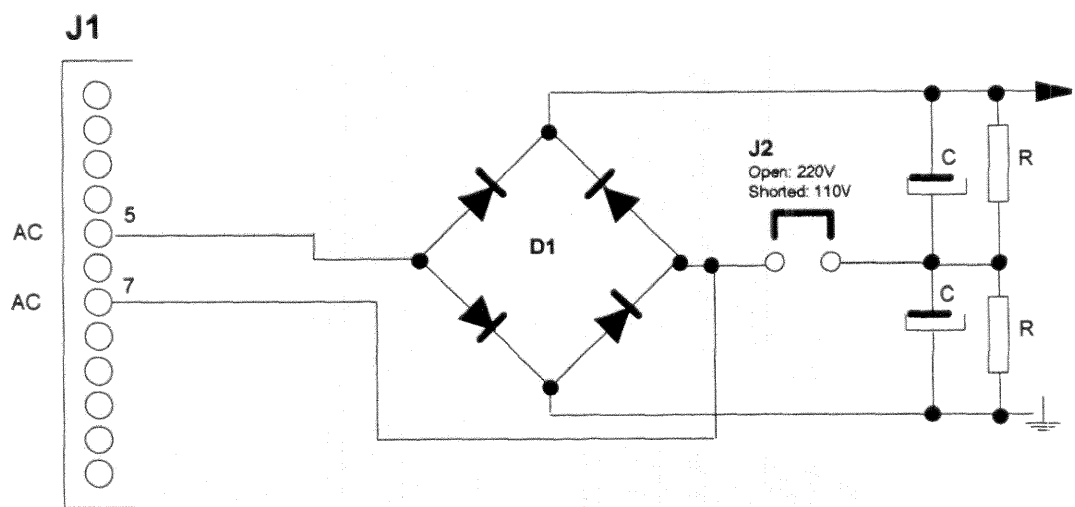
F1, F2	BARCO ord. no.
For 230 Vac (2x) T5A/250V	31 4104
For 120 Vac (2x) T10A/250V	31 4154



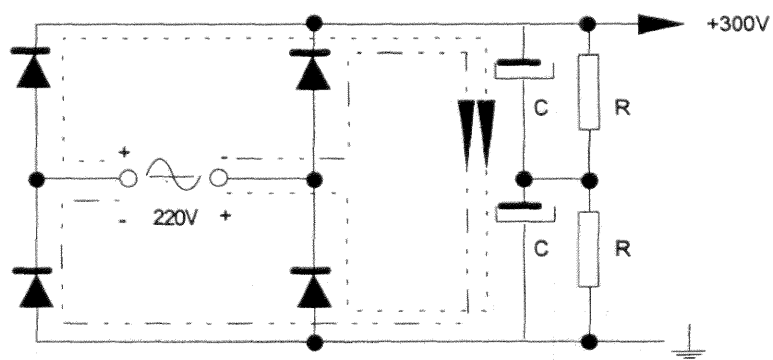
694c.DRW

5. Re-install the metal power input cover and secure the cover position with the screws

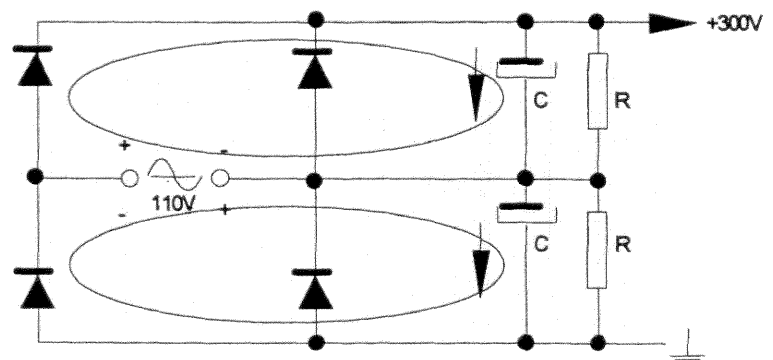




Power input voltage 230V



Power input voltage 120V




## Parts listing

ITEM NO.	SIT.	DESCRIPTION	ITEM NO.	SIT.	DESCRIPTION
11 4716	C..1	C PO RA 1M M250E11 X 1772	31 37241	J2..	J SL MBT P 4 M3.96 NP
11 4716	C..4	C PO RA 1M M250E11 X 1772			
11 1566	C..5	C EL RA 820M M200E4 85	30 5916	L..2	CH MNS 2X17 MH 8APMF
11 1566	C..6	C EL RA 820M M200E4 85			
11 1566	C..7	C EL RA 820M M200E4 85	78 0293	PC..	PCS PJ51 G1200 MNS
11 2837	C..9	C CE DI 10N S400E3			
11 2837	C.10	C CE DI 10N S400E3	10 5211	PTC1	R PTC 4K7
11 2837	C.11	C CE DI 10N S400E3	10 5211	PTC2	R PTC 4K7
11 2837	C.12	C CE DI 10N S400E3			
11 1566	C.13	C EL RA 820M M200E4 85	10 1460	R..1	R CF H100K J 1W5
			10 1460	R..2	R CF H100K J 1W5
13 2028	D..1	D B KBPC 80025A	10 1265	R..3	R CF H270K J 0W5
			10 3354	R..4	R MO H 33K J 4W 0922
31 4104	F..1	F 5X20 T 5A H RU/VE	10 40101	R..5	R WW H 5E1 K11W
31 4514	F..1	F ACC HLDR 5X20 PC+CAP	10 40101	R..6	R WW H 5E1 K11W
31 4104	F..2	F 5X20 T 5A H RU/VE			
31 4519	F..2	F ACC HLDR 5X20 PC/ UL	32 4361	REL1	RLY 100V 1M BV MNS M UL
31 3468	J1..	J SL MBT P12 M3.96 P	10 41698	SR.1	R WWFV 1K5 K 3W 212-7

## Spare parts

ART NO.	DESCRIPTION	QUANTITY	ART NO.	DESCRIPTION	QUANTITY
10 1460	R CF H100K J 1W5	2	31 4104	F 5X20 T 5A H RU/VE	2
10 3354	R MO H 33K J 4W 0922	1	31 4514	F ACC HLDR 5X20 PC+CAP	1
10 40101	R WW H 5E1 K11W	2	31 4519	F ACC HLDR 5X20 PC/ UL	2
10 41698	R WWFV 1K5 K 3W 212-7	1	31 53151	J RVT MBT D 2.3L13	4
10 5211	R PTC 4K7	2			
			32 4361	RLY 100V 1M BV MNS M UL	1
11 2837	C CE DI 10N S400E3	4			
11 4716	C PO RA 1M M250E11 X 1772	2	36 15075	SCR HILO_P 3.2X 8.5HS B	1
			36 22285	SCR D963 M 4 X 20 SS B	1
13 2028	D B KBPC 80025A	1	36 6103	NUT D934 M 4 SZ	2
13 3039	SPR L 8 D 4 D 1.2 C CER	7	36 7503	WSHR D6798 A 4.3 SZ	1
30 5916	CH MNS 2X17 MH 8APMF	1	78 0293	PCS PJ51 G1200 MNS	1
31 3468	J SL MBT P12 M3.96 P	1	80 5085	FRM PJ51 G12 PMF HTSNK 01	1
31 37241	J SL MBT P 4 M3.96 NP	1			

PRODUCT SAFETY NOTICE

Components identified by  have SPECIAL CHARACTERISTICS IMPORTANT TO SAFETY. Before replacing any of these components, read carefully the service safety precautions.

