

CPC-9P for Controls

- Pin 1 & 5 = LOOPBACK
- Pin 2 = +24VDC to K1 & K2
- Pin 4 = Return for +24VDC

Note: Default is Positive Polarity (K1 & K2 OFF)

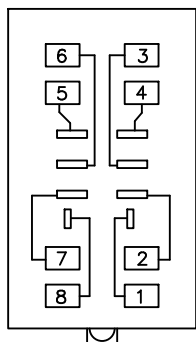
MS-4S P/S Input (300V)

- Pin A = Positive
- Pin B = Negative

BNC = Output to Plasma Lens (+/-)

Interlocks to "Turn ON or OFF" – IOS:PSW:PE
The Plasma Electrode Power Supply is "OFF"

Socket SJ2S-05B



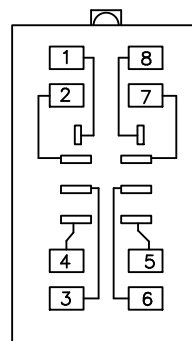
(Top View)

Relay by Idec #RJ2S-C-D24

Terminal Arrangement

- TB 3 & 2 = N.C.
- TB 3 & 4 = N.O.
- TB 6 & 7 = N.C.
- TB 6 & 5 = N.O.
- TB 1 & 8 = Coil +24VDC

(Top View)



Socket SJ2S-05B

Controls see file: IOSPSWPE.pdf (1-Feb-2012)

| REV | DATE | REVISION DESCRIPTION | BY | APPD |
|-----|------------|---|----|------|
| 5 | Feb.2/2012 | New wiring according to Kazuya/Controls | RD | |
| 3 | 30/01/2012 | Grounded pin C&D from MS4P | RD | |
| 2 | 23/01/2012 | Revised Interlock for IOS-PE | RD | |

4004 WESTBROOK MALL
VANCOUVER, BRITISH COLUMBIA
CANADA V6T-2A3

TRIUMF Olis Polarity Switch for Plasma Electrode P/S

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|-------|----------|----------|---------|----------|-----|---|
| DRWEN | Ray Dube | APPROVED | DWG NO. | ISK4386D | REV | 5 |
| DATE | 31/05/06 | | | | | |