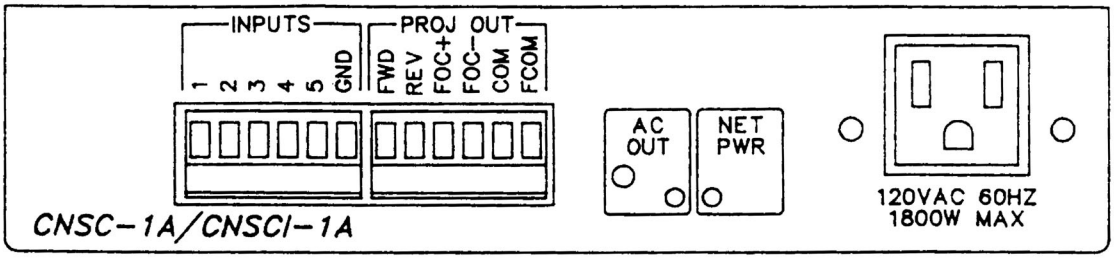
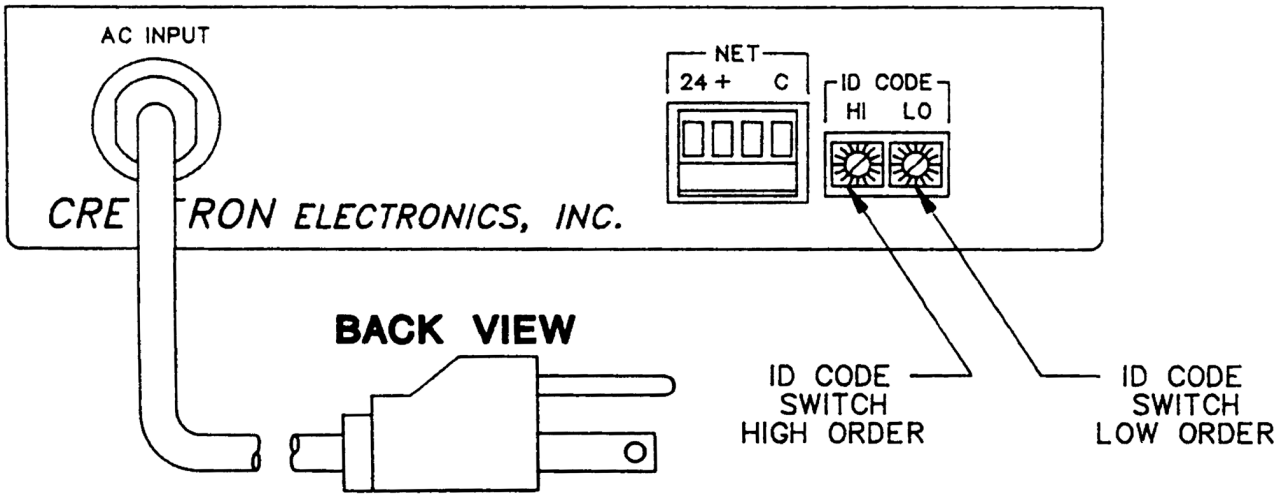
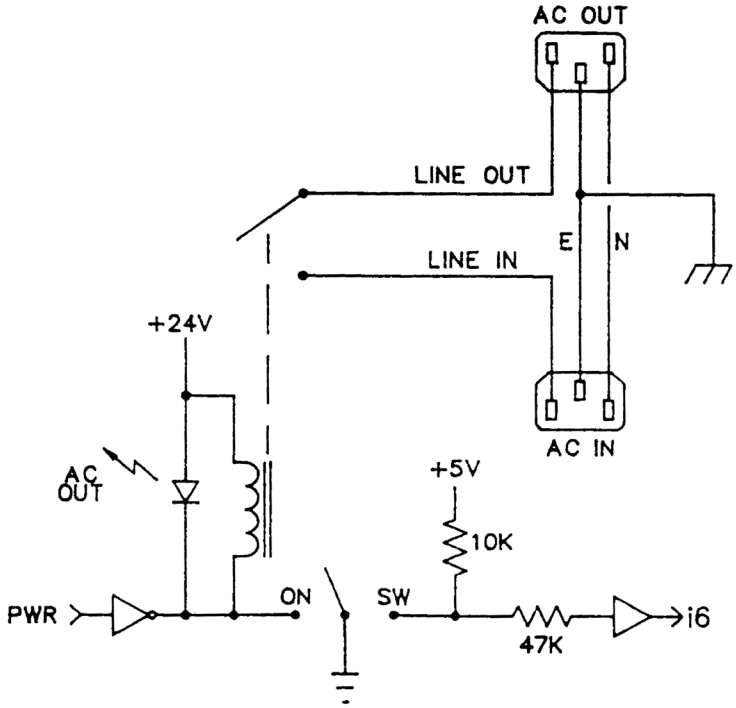
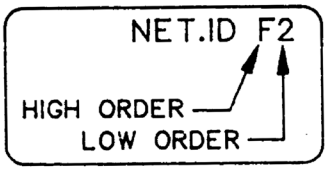


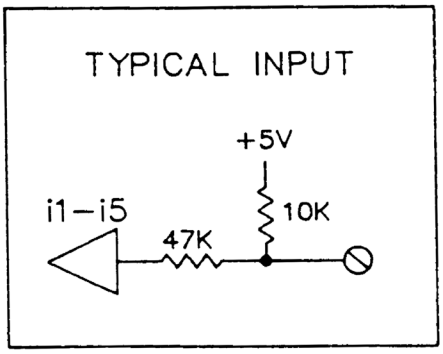
FRONT VIEW



BACK VIEW







SYNTAX:
NET.ID < 10 to FE> : CNSC-1
<i1 to i6> = <signal name> \ Inputs
< FWD > = < signal name > \ Slide forward
< REV > = < signal name > \ Slide reverse
< FOC + > = < signal name > \ Focus in or Lock
< FOC - > = < signal name > \ Focus out or Switch
< PWR > = < signal name > \ AC out

DESCRIPTION:
The CNSC-1 A and CNSCI-1 A Slide Control Units interface to a CRESNET II control system over the CRESNET II network. The CNSC-1 A (CNSCI-1 A) can be configured to provide control for Kodak Ektagraph, Kodak SA V, SIMDA and Electronic slide projectors. Configurations are factory set, but may be field-altered .

The CNSC-1 A (CNSCI-1 A) also accepts five input closures. The inputs are connected to 5 VDC via 10K ohm pull-up resistors and are referenced to system ground. A contact closure to ground, as well as an open collector type signal, is detected as an input. Therefore, an input low causes the associated signal name to go high. Input selections < i1 to i5 > are provided via the 6-pin connector. When the AC OUT switch on the front of the unit (SW in the preceding schematic) is pressed, the signal associated with < i6 > is momentarily driven high.

Each slide control unit on the CRESNET II network requires the setting of an identity code (ID CODE). ID CODES are two-digit hexadecimal numbers, from 10 to FE. The ID CODE of the unit should be set to match the ID CODE specified in the NET .ID statement of the CRESNET II SIMPL-C program referencing the unit (see syntax above). To set an ID CODE, disconnect power and network connections and turn the unit so that the back faces you. Notice two miniature rotary switches identified as HI and LO. These 16-position hexadecimal switches can be set to 0 through F. Using a small screwdriver, rotate the arrow in the center of the switch marked HI point to the first (or most-significant) digit or letter of the specified ID CODE. Set the switch marked LO to the second (least-significant) digit or letter of the specified ID CODE.

The 4-pin connector marked NET should be wired to the CRESNET II network. Network termination points are available at the control system power supply. Network units may also be daisy-chained together. See the CRESNET II manual section on CNPWS power supplies (Doc. 8017) for wire gauge specifications and connection detail.

POWER FACTOR: 3.0 watts

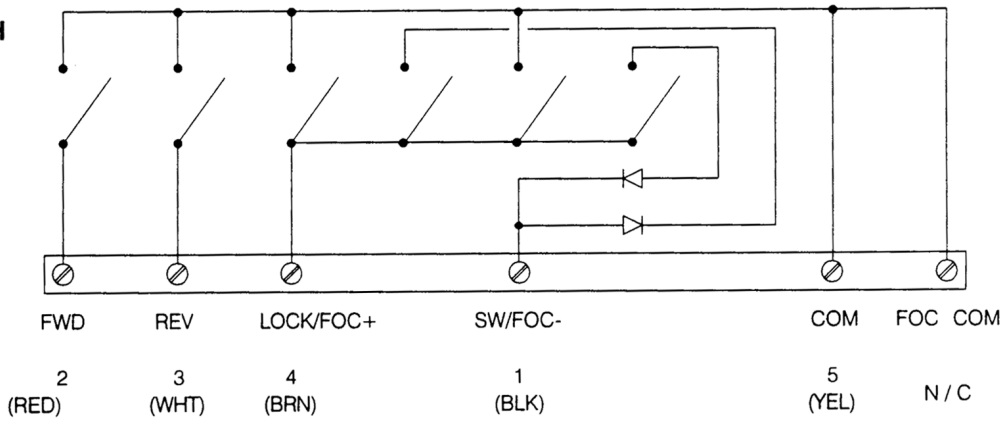
REQUIRES:
CRESNET II Workshop Version 4.00 or later.
CRESNET II Operating System SR30160.OPS or later.

AVAILABLE OUTPUT CONFIGURATIONS:

KODAK EKTAGRAPH

JUMPER SETTINGS:
W1 B
W2 A
W3 OUT
W4 IN
W5 B

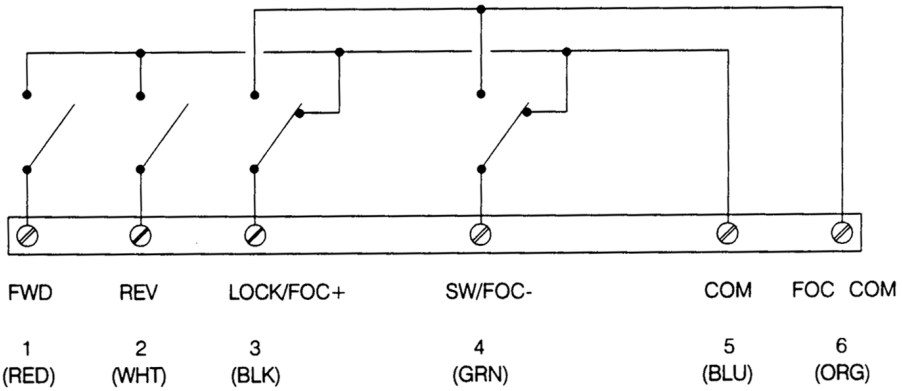
EB CONNECTOR



KODAK SAV

JUMPER SETTINGS:
W1 A
W2 B
W3 IN
W4 OUT
W5 B

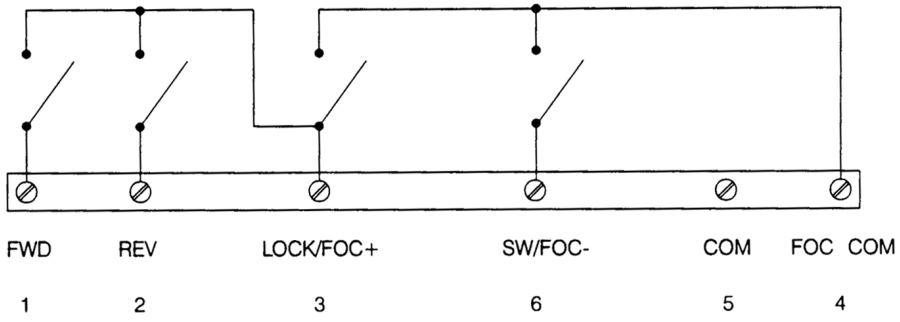
DIN CONNECTOR



SIMDA

JUMPER SETTINGS:
W1 OUT
W2 B
W3 OUT
W4 OUT
W5 A
NOTE: PROJ OUT PINS 4 & 6 REVERSED

DIN CONNECTOR



ELECTRONIC

JUMPER SETTINGS:
W1 B
W2 B
W3 OUT
W4 OUT
W5 B

DIN CONNECTOR