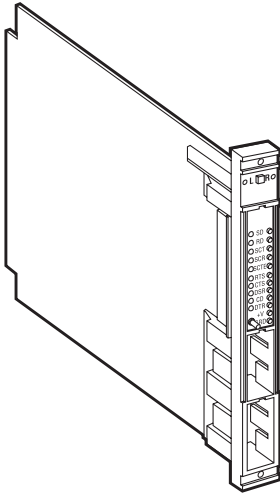




Manual Contact Closure Card for Pro Switching System II



Unlike other cards designed for the Pro Switching System II (“PSSII” for short, product code SM900A or SM901A), the Manual Contact Closure Card (SM916C) does not support terminal or PC management. It has a signal-status LED display and two patch cavities. The upper cavity provides a straight-through connection to the LED display and to the DB25 “I/A Test” connector on the rear of the PSSII. (All pins are passed through to I/A Test except pins 1 and 19.) The lower cavity provides straight-through connection to the rear-panel DB25 “Monitor” connector only. (All pins are passed through to Monitor except pins 1, 9, 10, 13, 16, and 19.)

The Manual Contact Closure Card has a local mode and a remote mode. The “L” and “R” LEDs on the top of the Card indicate which of these Modes the Card is in. Holding the lamp-test button down for several seconds will toggle the Card between modes. When the Card is in the local mode, the button at the top will gang-switch (reverse) all switch positions in the PSSII. When the Card is in the remote mode,

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MANUAL CONTACT CLOSURE CARD FOR PRO SWITCHING SYSTEM II

the pins on the "Control In/Out" DB25 connector are used for switching the interface modules. Positive five volts (+5V), available on pin 16, should be applied to the appropriate pin for approximately two seconds to effect the following switching actions:

Pin	Action
6	All Interface Cards switch to opposite position.
14	All Interface Cards switch to B position.
15	All Interface Cards switch to A position.

DIP switches SW1 and SW2 on the Manual Contact Closure Card allow individual circuits (card slots) in the PSSII's rack chassis to be included or excluded from all gang-switching functions. SW1 and SW2 each have eight positions, with SW1's positions 1 through 8 controlling circuits 1 through 8 respectively, and SW2's positions 1 through 8 controlling circuits 9 through 16 respectively, as labeled on the Card. Moving a DIP-switch position to ON enables (includes) the corresponding circuit for gang switching, and moving the DIP-switch position to OFF disables (excludes) that circuit from the gang-switching functions.

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