

SIMPLWINDOWS NAME: CM Automation PM-64 Simple Switching

CATEGORY: Switcher

VERSION: 1.0

SUMMARY: Allows any input to be routed to any output

GENERAL NOTES: This module will control a CM Automation PM-64. Before any controls will function, you must unlock the switcher using the SOFT-LOCK-OFF input on the module. You could also unlock it from the front panel. The soft lock will remain off until it is turned back on at the switcher, or until the switcher is power cycled. The switcher boots up with soft lock on.

Multiple switchers can be chained together, in which case each switcher would be assigned a unique channel number from 0 to F. You must specify which switcher you are talking to using the CHANNEL(0-F) input. If only one switcher is being used, the channel number is most likely 0. It should be entered as a single digit number with no suffix.

This module allows any input to be routed to any output. The SOURCE-ANALOG and DESTINATION-ANALOG inputs should be driven by Analog Initialize symbols. The values that should be used in the Analog Initialize symbols should be 00H-1FH, corresponding to input or output 1-32 respectively. After the source and destination inputs have been set up, pulse the TAKE input to perform the switch.

CRESTRON HARDWARE REQUIRED: CNXCOM, ST-COM

SETUP OF CRESTRON HARDWARE: Baud Rate - 38400
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: 1.18

VENDOR SETUP: None

CABLE NUMBER: CNSP-123

CONTROL:

SOURCE-ANALOG	A	Specifies which source is to be routed. Should be driven by an Analog Initialize symbol. Use 00H-1FH for sources 1-32 respectively in the Analog Initialize symbol
DESTINATION-ANALOG	A	Specifies which source is to be routed. Should be driven by an Analog Initialize symbol. Use 00H-1FH for destinations 1-32 respectively in the Analog Initialize symbol
TAKE	D	Pulse to connect the source and destinations specified
SOFT-LOCK-OFF	D	Pulse to turn off the "soft lock" on the switcher. Switching may not be possible if soft lock is on
CHANNEL(0-F)	P	Specifies which switcher in a chain is being controlled. If only one switcher is being used, this should probably be defined as 0. The valid range is 0-F

FEEDBACK:

**CM-AUTOMATION-
TX\$** S Serial signal to be routed to an RS232 port

OPS USED FOR TESTING: 5.09.12
COMPILER USED FOR TESTING: SimplWindows Version 1.30.01
SAMPLE PROGRAM: CMA-TST
REVISION HISTORY: None