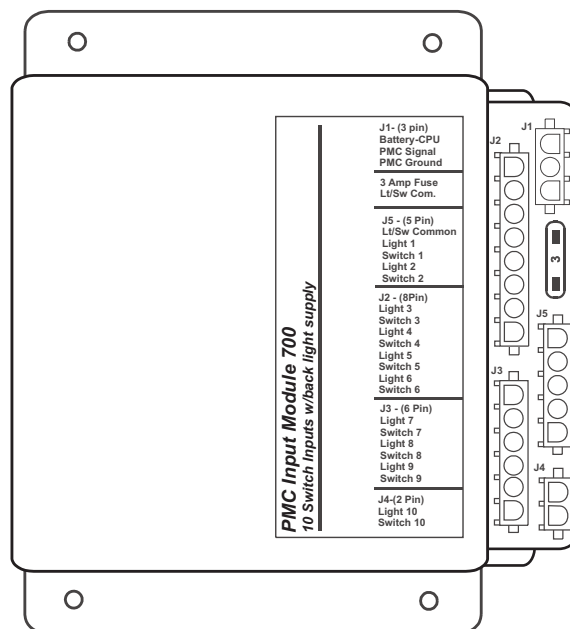


PMC Input Modules 700 and 710 are members of Intellitec's Programmable Multiplex Control family. They work in combination with the PMC CPU and other standard, semi-custom, or custom I/O modules.

This module has ten input connections for rocker or push-button switches and is intended to be used when back-lit switches are scattered. When switches are located in a group, consider the 906 and 909 switch adapters.

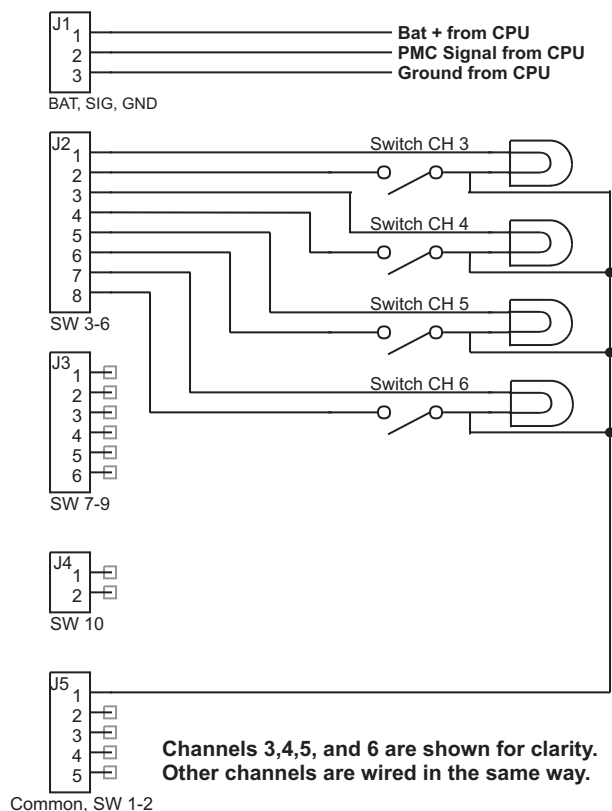
A connection for back-lighting is provided for each switch. The switch back-light lamps are controlled by the module. When the switch is off, half of the battery voltage is supplied to the lamp for back-lighting. When the switch is turned on, full battery voltage is applied to the lamp.



All input information is communicated directly to the CPU via the PMC communications link. The CPU utilizes this information to control other PMC modules.

All of the harnesses are connected with AMP Mate-N-Lok connectors to reduce installation time and errors. The module's address may be set for 1 of 16 addresses (A-P) via jumpers on the circuit board.

The approximate module dimensions are 6.375" X 6.250" X 1.875" (16.2mm X 15.9mm X 4.8mm). The module should be installed in a protected environment inside of the vehicle.



SPECIFICATIONS

General Connections

Nominal Vehicle Voltage

J1-1	Battery + from CPU
J1-2	PMC Signal from CPU
J1-3	PMC Ground from CPU
J5-1	Switch Lamp + Common

00-00645-710

12V
3 Amps Max.
18 awg Min.
14 awg Min.
3 Amps Max.

00-00645-700

24V
3 Amps Max
18 awg Min.
14 awg Min.
3 Amps Max.

CHANNEL DESIGNATIONS

Channel	Connection	Type
1	J5-2	Lamp out, Switch 1
1	J5-3	Input, Positive Ch 1
2	J5-4	Lamp out, Switch 2
2	J5-5	Input, Positive Ch 2
3	J2-1	Lamp out, Switch 3
3	J2-2	Input, Positive Ch3
4	J2-3	Lamp out, Switch 4
4	J2-4	Input, Positive Ch 4
5	J2-5	Lamp out, Switch 5
5	J2-6	Input, Positive Ch 5
6	J2-7	Lamp out, Switch 6
6	J2-8	Input, Positive Ch 6
7	J3-1	Lamp out, Switch 7
7	J3-2	Input, Positive Ch 7
8	J3-3	Lamp out, Switch 8
8	J3-4	Input, Positive Ch 8
9	J3-5	Lamp out, Switch 9
9	J3-6	Input, Positive Ch 9
10	J4-1	Lamp out, Switch 10
10	J4-2	Input, Positive Ch 10

MATING CONNECTIONS

Designator Connector

J1	3 Pin Amp Mate-N-Lok
J2	8 Pin Amp Mate-N-Lok
J3	6 Pin Amp Mate-N-Lok
J4	2 Pin Amp Mate-N-Lok
J5	5 Pin Amp Mate-N-Lok

Mating Part #

1-480700-0
640586-1
640585-1
1-480698-0
1-480763-0

Contact, Typical
for 14-18 AWG for 10-12 AWG

350919-3	
350919-3	640310-3
350919-3	640310-3
350919-3	640310-3
350919-3	640310-3

MODULE SETTINGS

Module can be set for 1 of 16 addresses.
Set four jumpers on "Add Select" jumper block
Per table on right.

X = Jumper is Out

JUMPERS

4 3 2 1	Address
0 0 0 0	A
0 0 0 X	B
0 0 X 0	C
0 0 X X	D
0 X 0 0	E
0 X 0 X	F
0 X X 0	G
0 X X X	H

JUMPERS

4 3 2 1	Address
X 0 0 0	I
X 0 0 X	J
X 0 X 0	K
X 0 X X	L
X X 0 0	M
X X 0 X	N
X X X 0	O
X X X X	P



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