Intellitec
131 Eisenhower Lane N., Lombard, IL 60148

PMC 10 Channel Input Module 100/110

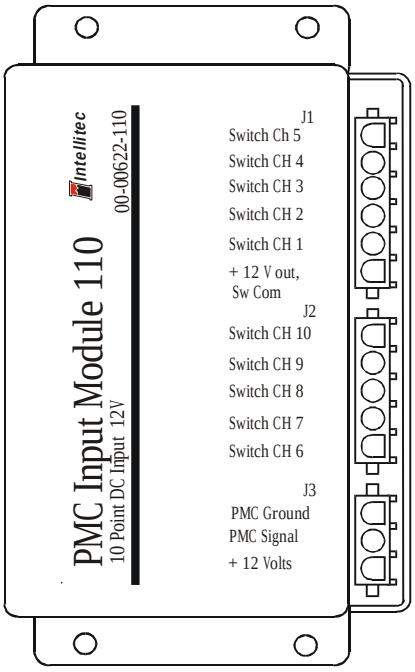
10 Inputs High side or Low side

PMC Input Modules 100 and 110, 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.

There are ten input connections for rocker, limit, or sensor switches. Each individual input can be configured as either a switch to ground, or a switch to battery. All input information is directly communicated to the CPU via the PMC communications link. The CPU utilizes this information to control other PMC output modules. All of the output harnesses are connected with AMP Mate-N-Lok connectors to reduce installation time and errors.

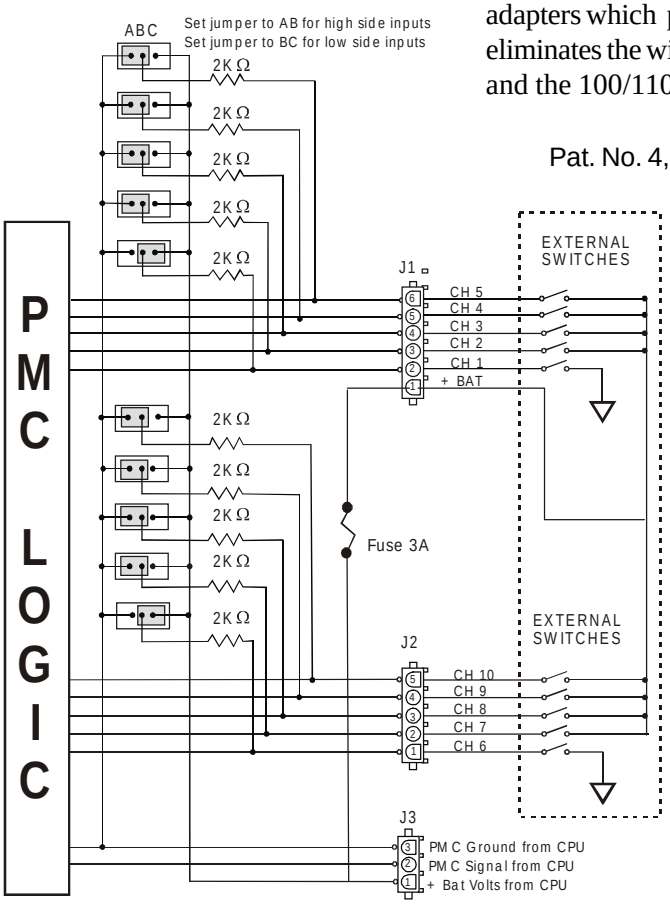
The approximate module dimensions are 6.375" X 3.750" X 1.875" (16.2mm X 9.5mm X 4.8mm). The module should be installed in a protected environment inside of the vehicle.

To reduce wiring, and if your panel switches are grouped together, you may consider using Intellitec's standard switch adapters, custom adapters or custom switch panels. Several standard switch adapters are available.



Rocker switches can be plugged directly into these adapters which plug into the PMC multiplex bus. This eliminates the wiring between standard rocker switches and the 100/110 PMC I/O module.

Pat. No. 4,907,222 & 6,011,997



Specifications:

General Connections		**00-00622-110**	**00-00622-100**
Nominal Vehicle Voltage		12V	24V
J1-1	Fuse 1, Power for Positive switched inputs	3 Amps Max .	3 Amps Max.
J3-1	External Power from CPU	3 Amps Max.	3 Amps Max.
J3-2	Multiplex Signal	18 awg Min.	18 awg Min.
J3-3	Multiplex Ground	18 awg Min.	18 awg Min.

Channel Designations

Channel	Connection	Type	Name	Rating
1	J1-2	Input, Positive or Negative	Switch 1	2K Input Resistance
2	J1-3	Input, Positive or Negative	Switch 2	2K Input Resistance
3	J1-4	Input, Positive or Negative	Switch 3	2K Input Resistance
4	J1-5	Input, Positive or Negative	Switch 4	2K Input Resistance
5	J1-6	Input, Positive or Negative	Switch 5	2K Input Resistance
6	J2-1	Input, Positive or Negative	Switch 6	2K Input Resistance
7	J2-2	Input, Positive or Negative	Switch 7	2K Input Resistance
8	J2-3	Input, Positive or Negative	Switch 8	2K Input Resistance
9	J2-4	Input, Positive or Negative	Switch 9	2K Input Resistance
10	J2-5	Input, Positive or Negative	Switch 10	2K Input Resistance

Mating Connections

Designator	**Function**	**Connector**	**Mating Part #**	**Contact, Typical**	
				14-18 AWG	10-12 AWG
J1	Inputs	6 Pin Amp Mate-N-Lok	640585-1	350919-3	640310-3
J2	Inputs	5 Pin Amp Mate-N-Lok	1-480763-0	350919-3	640310-3
J3	PMC Com	3 Pin Amp Mate-N-Lok	1-480700-0	350919-3	640310-3

Module can be set for 1 of 16 address.
Set four jumpers on jumper block JP2
per table to the right. X = Jumper is out.

Jumpers 4 3 2 1	**Module Address**	**Jumpers 4 3 2 1**	**Module Address**
0 0 0 0	A	X 0 0 0	I
0 0 0 X	B	X 0 0 X	J
0 0 X 0	C	X 0 X 0	K
0 0 X X	D	X 0 X X	L
0 X 0 0	E	X X 0 0	M
0 X 0 X	F	X X 0 X	N
0 X X 0	G	X X X 0	O
0 X X X	H	X X X X	P

Ten inputs labeled Switch 1 - 10 can be individually set for either positive (high-side) switched to the battery or negative (low-side) switched to ground. Setting a jumper to short pins AB selects positive switch. Setting a jumper to short pins BC selects negative switch.