Intellitec
131 Eisenhower Lane N., Lombard, IL 60148
630 268 0010 800 251 2408
www.intellitecsve.com

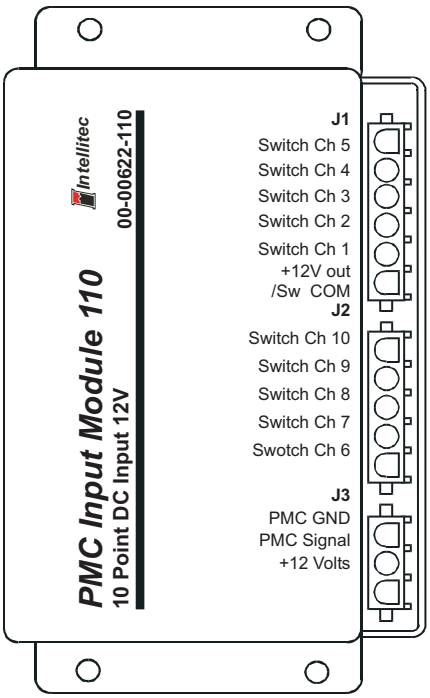
10 Inputs High-side or Low-side
00-00622-100/110 PMC 10 Channel Input Module

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.

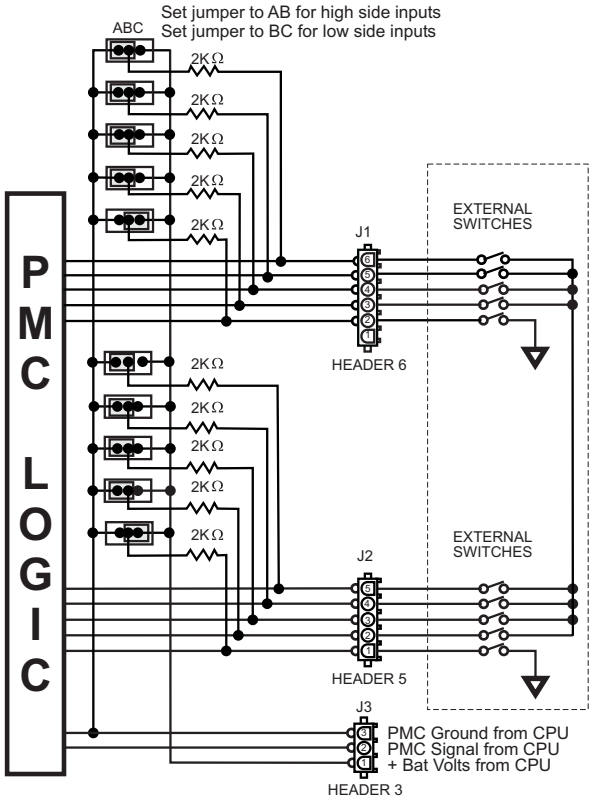
The approximate module dimensions are 6.375" X 3.750" X 1.875" (16.2mm X 9.5mm X 4.8mm). The module should be installed in a protected environment inside of the vehicle.

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.



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

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.



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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	16 awg Min.	16 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	
				for 14-18 AWG	*for 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 SETTINGS

Module can be set for 1 of 16 address.
Set four jumpers on jumper block JP2 per table on right.

X = Jumper is Out

JUMPERS 4 3 2 1	Address	JUMPERS 4 3 2 1	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.