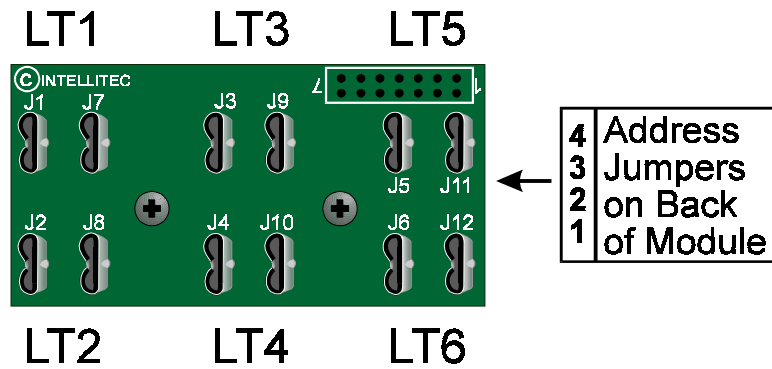PMC Warning Light Adapters 806 & 816, are members of Intellitec's Programmable Multiplex Control family. They work in combination with the PMC CPU and other standard, semi-custom or custom I/O modules.

ITT warning lamps (also know as SWF, Britax, or Sprague, not provided) plug directly into the 806 or 816 Adapter, eliminating the need for a harness or separate wiring to each lamp. The lamps are controlled by the central PMC CPU via the two wire PMC communications link. The third wire provides power to the lamps. The 3 wire PMC connection is made with an AMP Mate-N-Lok connector to reduce installation time and errors. The six warning lights require only 3 wires vs a conventional wiring scheme needing as many as 12.

Contact Intellitec if adapters are needed for other lamp manufacturers or other layouts. Intellitec can also design and manufacture custom lamp or switch panels to fit your specific requirement.

The approximate module dimensions are 3.00" wide X 1.90" tall X 2.30" deep (75.6mm X 48.3mm X 58.5mm). The module should be installed in a protected environment inside of the vehicle.

Intellitec
131 Eisenhower Lane N., Lombard, IL 60148

Specifications:

General

		Model 816	Model 806
Part Number		**00-00644-816**	**00-00644-806**
Nominal Vehicle Voltage		12V	24V
Max Lamp Current (both 12V & 24V)		0.5 Amps/Module (0.083 Amps/Lamp)	
J13-1	Power for Indicator Lamps	5 Amps Max	5 Amps Max
J13-2	Multiplex Signal	18 awg Min	18 awg Min.
J13-3	Multiplex Ground	18 awg Min	18 awg Min.

Channel Designations

Channel	Connection	Type	Name
1	J1/7	Warning Lamp	Light 1
2	J2/8	Warning Lamp	Light 2
3	J3/9	Warning Lamp	Light 3
4	J4/10	Warning Lamp	Light 4
5	J5/11	Warning Lamp	Light 5
6	J6/12	Warning Lamp	Light 6
7		Not Available	
8		Not Available	(Channels 7,8,9, and 10 may be
9		Not Available	used as virtual channels when
10		Not Available	programming the vehicle.

	ITT Part #		
	Model 816	Model 806	
Typical Warning Lamp	511 502	511 503	(not supplied)

Mating Connections

Designator	Function	Connector	Mating Part #	Contact, Typical 14-18 AWG	10-12 AWG
J13	PMC Link	3 Pin Amp Mate-N-Lok	1-480700-0	350919-3,	640310-3

Module Addressing
Module can be set for 1 of 16 address.
Set four jumpers on jumper block JP1
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

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