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

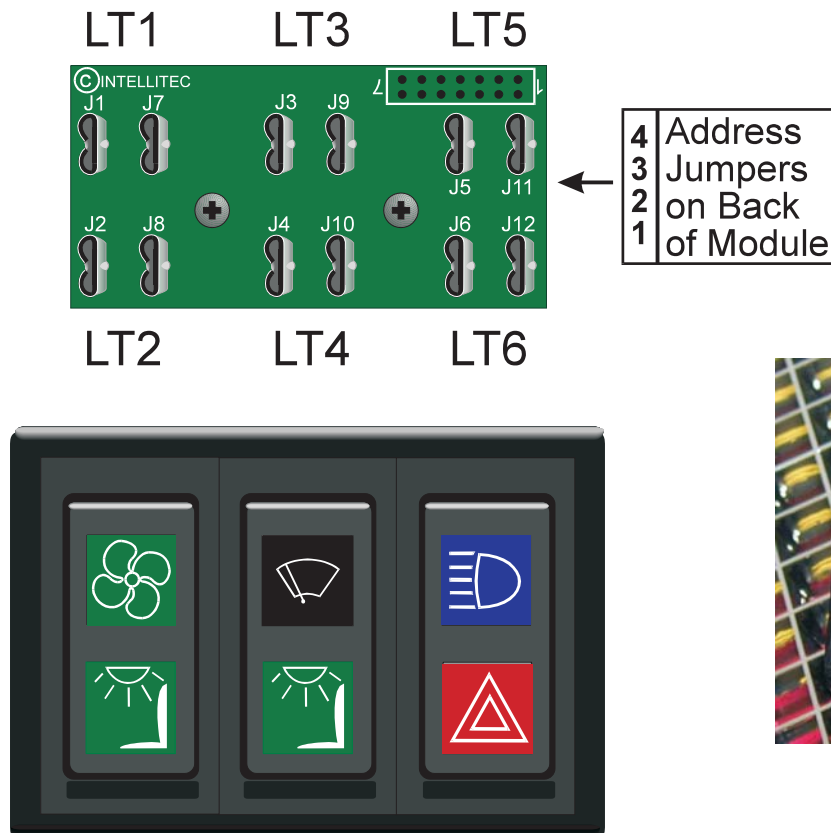# *6 Warning Light Direct Plug-In Adapter*
00-00644-806/816 PMC Warning Light Adapter

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. 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.*

Uses ITT, Spague Warning lights

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SPECIFICATIONS

General Connections

	00-00644-816	00-00644-806
Nominal Vehicle Voltage	12V	24V
Max Lamp Current (applies to 12/24V)	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	14 awg Min	14 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 thru 10 may
9		Not Available	Be used as virtual channels
10		Not Available	When programming the vehicle.

SPRAGUE / ITT PART NO.

	00-00644-816	00-00644-806	
Typical Warning Lamp	511 502	511 503	(not supplied)
Bezel	595 502	595 502	(not supplied)

MATING CONNECTIONS

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

MODULE SETTINGS

Module can be set for 1 of 16 address, A-P.
Set four jumpers on jumper block JP1 per table on 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