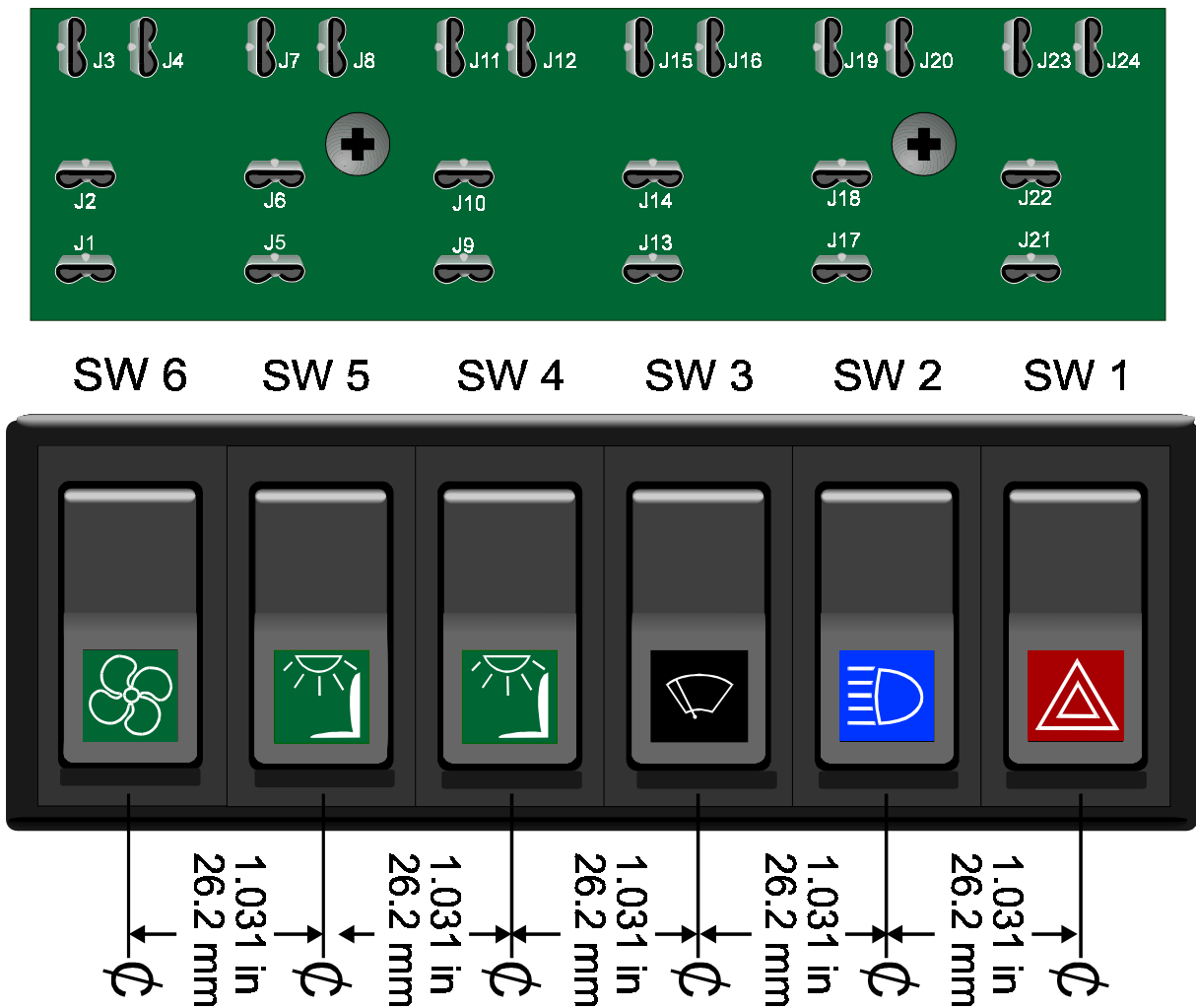PMC Rocker Switch Adapters 909 & 919, are members of Intellitec's Programmable Multiplex Control Family. They work in combination with the PMC CPU and other standard, semi-custom, or custom I/O modules.

ITT rocker switches (also known as SWF, Britax, or Sprague) plug directly into the 909 or 919 Adapter, eliminating the need for a harness, or separate wiring to each switch. All switch information is directly communicated to the PMC CPU via the two wire PMC communications link. The third wire provides power to the lamps. The PMC connection is made with an AMP Mate-N-Lok connector to reduce installation time and errors. The switch indicator lamps are controlled directly on the adapter. When the switch is off, half of the battery voltage is supplied to the lamp for backlighting. When the switch is turned on, full battery voltage is applied to the lamp.

The switches do not control the loads, or functions directly; they simply communicate information to the PMC CPU. Due to this fact, the switches do not have to be complex, eliminating the need for multiple poles, or multiple throws. The switches can be simpler and less expensive, reducing the different types of switches used. The Windows based setup replaces the need for SPDT, DPDT and other switch configurations.

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

The approximate module dimensions are 2.75" wide X 6.40" tall X 1.375" deep (69.9mm X 162.6mm X 34.9mm). It should be installed in a protected environment inside of the vehicle.

*Switches and bezels not included

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Specifications:

General

		Model 916	Model 906
Part Number		**00-00643-916**	**00-00643-906**
Nominal Vehicle Voltage		12V	24V
J25-1	Power for Indicator Lamps	5 Amps Max	5 Amps Max
J25-2	Multiplex Signal	18 awg Min	18 awg Min.
J25-3	Multiplex Ground	18 awg Min	18 awg Min.

Channel Designations

Channel	Connection	Type	Name
1	J1/2	Rocker Switch Type 1	Switch 1
2	J5/6	Rocker Switch Type 1	Switch 2
3	J9/10	Rocker Switch Type 1	Switch 3
4	J13/14	Rocker Switch Type 1	Switch 4
5	J17/18	Rocker Switch Type 1	Switch 5
6	J21/22	Rocker Switch Type 1	Switch 6
7		Not Available	
8		Not Available	
9		Not Available	
10		Not Available	

Note: Rocker Switches 1 - 6 can only be Type 1.

Rocker Switch	Function	ITT Part # Model 906	Model 916	
Type 1	SPST N.O.	511 002	511 001	*Switches and bezels not included
	SPST N.O. Momentary	511 009	511 008	

Mating Connections

Designator	Function	Connector		Mating Part # for 14-18 AWG	Contact, Typical for 10-12 AWG
J1 PMC Link	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 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