Intellitec
1485 Jacobs Rd Deland, FL 32724
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9 Rocker Switch Direct Plug-In Adapter
00-00656-909/919 PMC Rocker Switch Adapter

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.
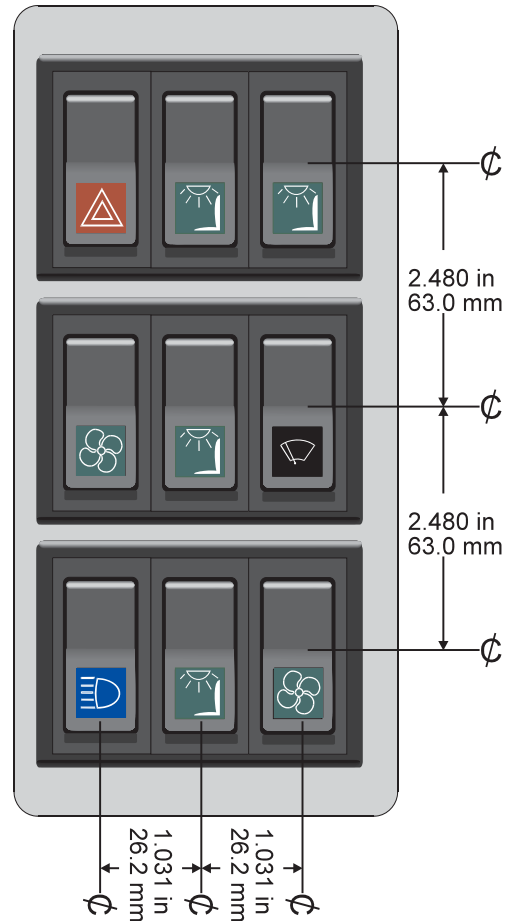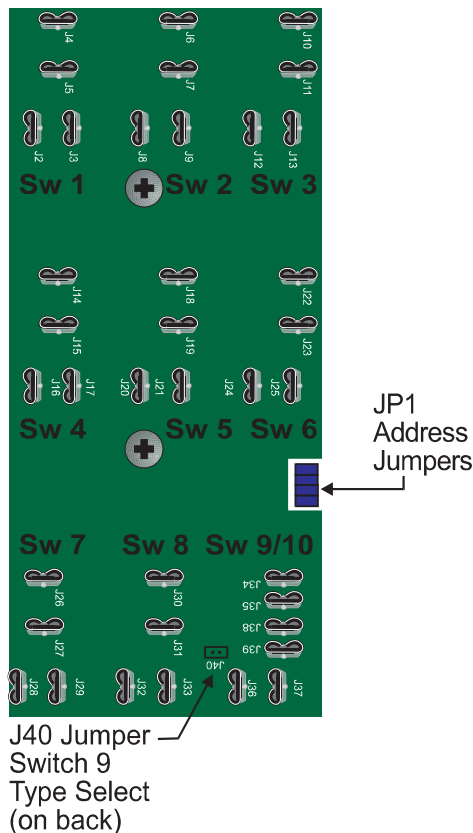
The switches do not control the loads or functions directly, they simply communicate information to the PMC CPU. Due to this fact, the switches do not have to be complex, eliminating the need for multiple poles or multiple throws. The switches can be more simple and less expensive, reducing the different 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 suit 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.

Sprague/ITT Switches and Bezels not Included

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

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SPECIFICATIONS

General Connections

		00-00656-919		00-00656-909
Nominal Vehicle Voltage		12V		24V
J1-1	Power for Indicator Lamps	5 Amps Max.		5 Amps Max.
J1-2	Multiplex Signal	18 awg Min		18 awg Min
J1-3	Multiplex Ground	14 awg Min		14 awg Min

CHANNEL DESIGNATIONS

Channel	Connection	Type	Name
1	J4/5	Rocker Switch Type 1	Switch 1
2	J6/7	Rocker Switch Type 1	Switch 2
3	J10/11	Rocker Switch Type 1	Switch 3
4	J14/15	Rocker Switch Type 1	Switch 4
5	J18/19	Rocker Switch Type 1	Switch 5
6	J22/23	Rocker Switch Type 1	Switch 6
7	J26/27	Rocker Switch Type 1	Switch 7
8	J30/31	Rocker Switch Type 1	Switch 8
9	J34/38	Rocker Switch Type 1, 2 or 3	Switch 9/10
10	J35/39	*(Combined with Channel 9)*	

NOTE   Rocker switches 1 thru 8 can only be Type 1. Rocker Switch 9 can be 1, 2, or 3 with proper setting of Jumper J40. As Type 2 o r 3 the CPU views the single switch as two separate switches receiving information in one position on Channel 9 and the other position on channel 10.

Switches and bezels not included (Bezel ITT P/N 595 502)

Rocker Switch	Function	Jumper J40	00-00656-909	00-00656-919
Type 1	SPST N.O.	OUT	511 002	511 001
Type 2	SPDT (2 speed fan) (3-pos. OFF/LOW/HI)	IN	511 028	511 027
Type 3	SPDT (2-pos. Momentary w/Center OFF)	IN	511 067	511 066

MATING CONNECTIONS

Designator	Connector	Mating Part #	Contact, Typical	
			For 14-18 AWG	*for 10-12 AWG*
J1PMC	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