

6 Rocker Switch Direct Plug-In Adapter

00-00643-906/916 PMC Rocker Switch Adapter

PMC Rocker Switch Adapters 906/916 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.

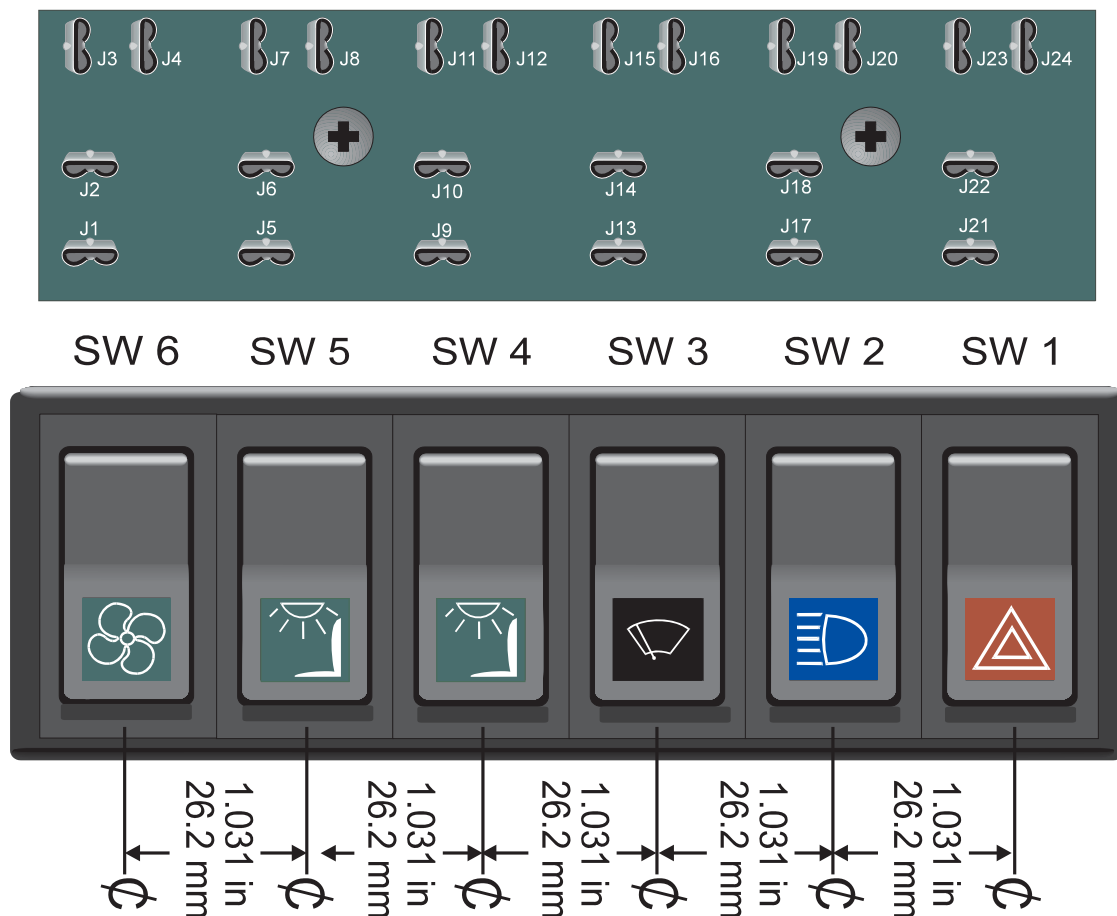
ITT rocker switches (also known as SWF, Britax, or Sprague) plug directly into the 909 or 919 Adapter, eliminating the need for a harness, or separate wiring to each switch. All switch information is directly communicated to the PMC CPU via the two wire PMC communications link. The third wire provides 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.

Sprague/ITT Switches and Bezels not Included



SPECIFICATIONS

General Connections

		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	14 awg Min	14 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 thru 8 can only be Type 1.

Switches and bezels not included

Rocker Switch Type 1

Function
SPST N.O.
SPST N.O. Momentary
6 pos. Switch w/Bezel

SPRAGUE / ITT PART NO.

00-00643-906	00-00643-916
511 002	511 001
511 009	511 008
595 902	595 902

MATING CONNECTIONS

Designator	Connector	Mating Part #	Contact, Typical
J1PMC Link	3 Pin Amp Mate-N-Lok	1-480700-0	For 14-18 AWG 350919-3 for 10-12 AWG 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



This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.