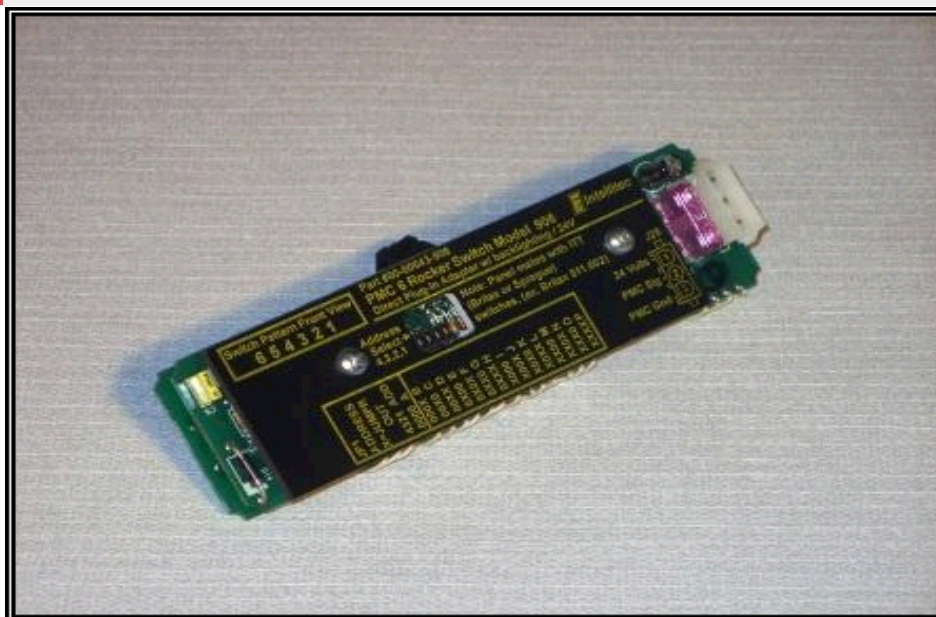




Part Nos.

00-00643-916: 12V 6 Way Switch Adapter

00-00643-906: 24V 6 Way Switch Adapter

Key Features

Compatible with Intellitec PMC System

Can be combined into banks of 12, 18 and so on

Reduce's wiring & installation time

Accepts all types of ITT rocker switches

Indicates on / off through change to backlighting

About

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.

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SPECIFICATIONS

General Connections 00-00643-916 00-00643-906

Nominal Vehicle Voltage 12V 24V

J25-1	Power for Indicators	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

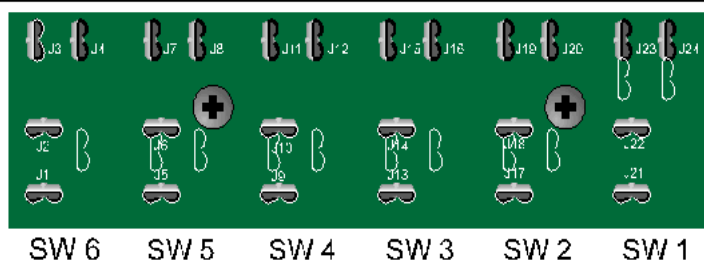
NOTE Rocker switches 1 thru 8 can only be Type 1.

Switches and bezels not included

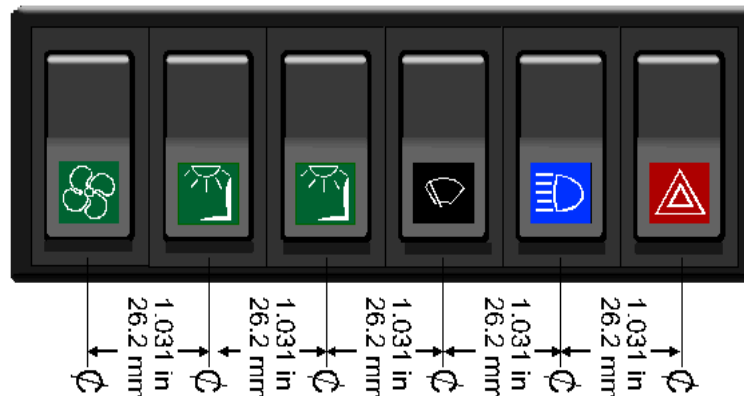
MATING CONNECTIONS

Rocker Switch	Function	SPRAGUE / ITT PART NO.
Type 1	SPST N.O.	511 002 511 001
	SPST N.O. Momentary	511 009 511 008
	6 pos. Switch w/Bezel	595 902 595 902

Designator	Connector	Mating Part #
J1PMC Link	3 Pin Amp Mate-N-Lok	1-480700-0
		For 14-18 AWG
	Contact, Typical	350919-3
		for 10-12 AWG
		640310-3



Note: Sprague/ITT Switches and Bezels not Included



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	MODULE	JUMPERS	MODULE
4 3 2 1	Address	4 3 2 1	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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