

# EJ5037-04 AT Comm Option (EN5004 AT Comm Board)

## EN5004 DIP SWITCH S1 and S2

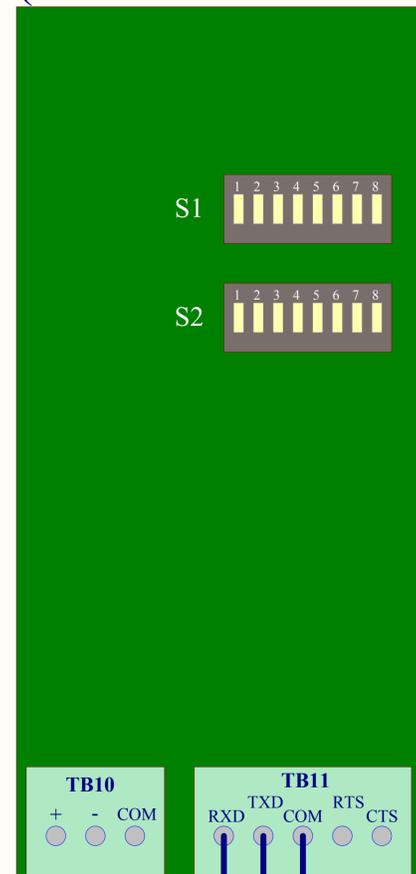
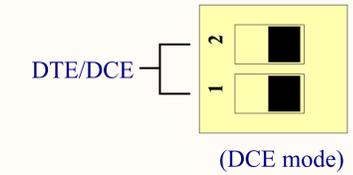
## PM5033-1X DIP SWITCH

Switch S1	Description	Switch "ON"	Switch "OFF"	Default Settings	
				Modbus	DNP3
1	Setup Program	Enabled	Disabled	OFF	OFF
2	Configuration Parameters	User	Factory	OFF	OFF
3	Protocol	DNP3	Modbus	OFF	ON
4	Modbus Protocol	ASCII	RTU	OFF	OFF
5	Serial Port	RS-485	RS-232	OFF	OFF
6	RS-232 Handshaking	Enabled	Disabled	OFF	OFF
7	Baud Rate	19.2K	9600	OFF	OFF
8	Not Used	----	----	OFF	OFF

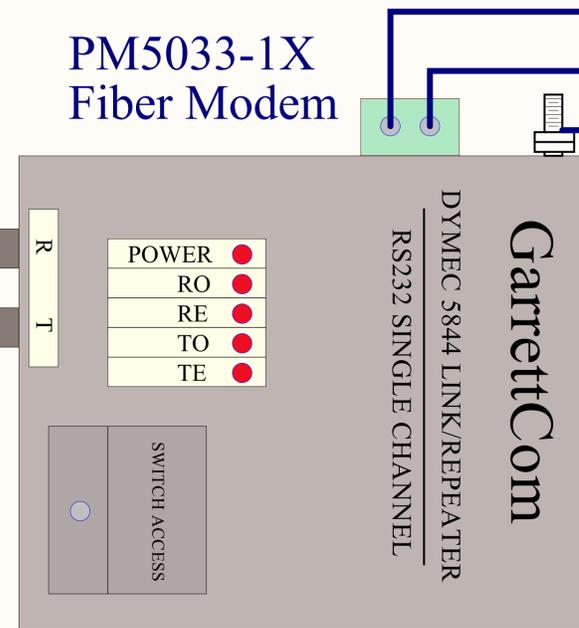
Switch S2	Modbus Address	Default Settings	
		Modbus	DNP3
1	Bit 7	OFF	OFF
2	Bit 6	epOFF	OFF
3	Bit 5	OFF	OFF
4	Bit 4	OFF	OFF
5	Bit 3	OFF	OFF
6	Bit 2	OFF	OFF
7	Bit 1	OFF	OFF
8	Bit 0	ON	ON

Switch	Description	Switch "ON"	Switch "OFF"	Default
1	Repeat Mode	REPEAT	NORMAL	OFF
2	Data Coupling	DC	AC	ON
3	Test Mode	TEST	NORMAL	OFF
4	DSR Control	YES	NO	OFF
5	Pin 8 Current	HIGH	LOW	OFF

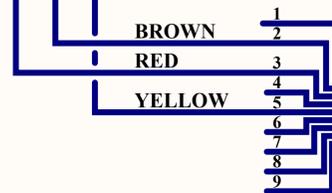
### DTE/DCE SWITCH



## PM5033-1X Fiber Modem



### EH5047-00 HARNESS



WIRE# 242 WIRE #242 RUNS TO TB1(+)

WIRE #243 RUNS TO AT SERIES COMMON:  
AT10.1 GROUP 1: A3-E10  
AT10.1 GROUP 2: W2(-)  
AT30: R1-1

WIRE #244 RUNS TO CHASSIS  
GROUND STUD ON DOOR

### EN5004 (TB11)

Terminal	Signal
RXD	Receive
TXD	Transmit
COM	COMMON

### EH5047-00

Pin	Color	Signal
1	Black	CHASSIS GND
2	Brown	RXD
3	Red	TXD
4	Orange	No Connect
5	Yellow	Signal GND
6	Green	(+5VDC OUT)
7	Blue	Repeat EN/DIS
8	Gray	TTL OUTPUT
9	White	+9 - 15 VDC
SHLD	Black/White	SHIELD

### Assembly/Converter

Charger	Assembly	Converter
12V	EJ5230-21	PM5033-10
24V	EJ5230-22	PM5033-11
48V	EJ5230-23	PM5033-11
130V	EJ5230-24	PM5033-12

			 THIRD ANGLE PROJECTION				
			DRAWN BY <b>RDB</b> 05/06/2011		TITLE <b>AT Series DYMEC RS-232 Fiber Modem</b>		
			ELECTRONIC APPROVAL SIGNATURES MAINTAINED BY MFG ECN LOG		DRAWING No <b>EJ5230-2X</b>		REV <b>A</b>
			UNLESS OTHERWISE NOTED DIMENSIONS ARE IN INCHES, TOLERNCES ARE:		SCALE <b>NTS</b>		PART No <b>EJ5230-2X</b>
REV	ECN No	DATE			SHEET <b>1</b> OF <b>1</b>		