

NOTES:

1. MAXIMUM BAUD RATE IS 4800 (RS232)
MAXIMUM BAUD RATE IS 2400 (RS485)
2. MDS9310 SUPPORTS 1 STOP BIT.
SPECIAL EXPANDED I/O OR VCI
EPROM REQUIRED.
3. EXTERNAL POWER REQUIRED,
RECEIVER MUST BE ON AT ALL TIMES.

4. BLU WIRE NOT NEEDED. PERMISSIBLE
TO HOOK TO TB1-11A OR TRIM AT
CONNECTOR.

5. INSTRUCTIONS FOR USING THIS DOCUMENT:
SELECT APPROPRIATE DRAWING FROM "REFERENCE INDEX" PAGE 1.
SELECT THE DIAGRAM WHICH MATCHES YOUR CONFIGURATION
AND GO TO THE SPECIFIED SHEET NUMBER.

6. GLOSSARY OF TERMS

REVISIONS					
REV	ACTION	DRAWN	CHECKED	APPROVED	DATE
AA	L4704	KASTNER	KASTNER	HOLLAND	97/08/22
AB	D12437	KASTNER	KASTNER	HOLLAND	01/12/14

5. REFERENCE INDEX

6713/6714					
MDS9310	—	SEE SH 2	—	CB181 PCBA W/RS232 COMM MODULE OR RS232 CARD (EXCEPT EXPIO)	

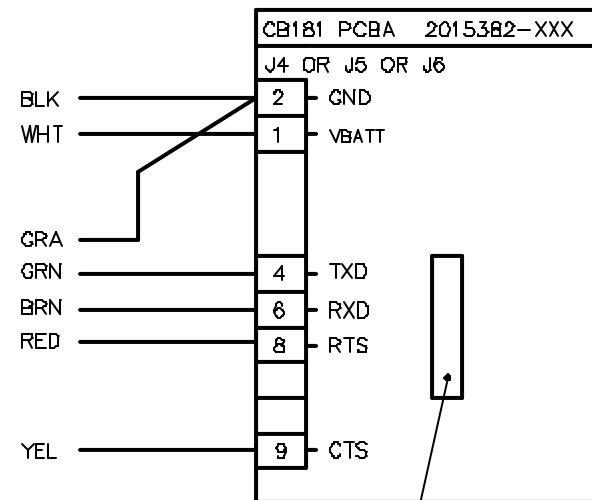
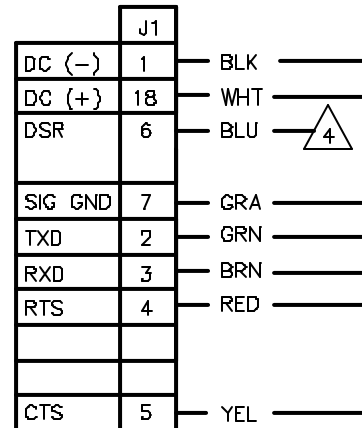
6713/6714					
MDS9310	—	SEE SH 3	—	CB181 PCBA W/RS232 EXPIO	

ASSEMBLY/QUANTITY		ITEM NO.	PART NUMBER	DESCRIPTION	REF/ZONE DESIG	UNIT MEAS	
PARTS LIST							
DO NOT SCALE DRAWING		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: DECIMAL .XX ± — — — — — ANGULAR .XXX ± — — — — — BREAK ALL SHARP CORNERS AND EDGES DIMENSIONS APPLY BEFORE FINISH		PRODUCT LINE TOTALFLOW® DESIGN G. HOLLAND DRAWN KASTNER CHECKED KASTNER APPROVED G. HOLLAND	LEVEL 3 DATE 97/9 97/9/9 97/9/22 97/9/22	ABB TOTALFLOW Products TITLE WIRING & INTERCONNECT MDS9310 IN 6713/6714 WI SCALE NONE SIZE B PCE WI DRAWING NO. 2017413 REV 1 OF 4	

6713/6714

MDS9310

RADIO, MDS9310



BLK
WHT

GRA
GRN
BRN
RED

YEL

12W

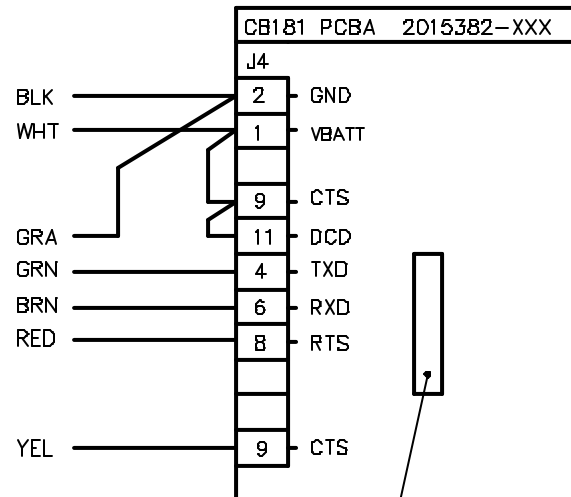
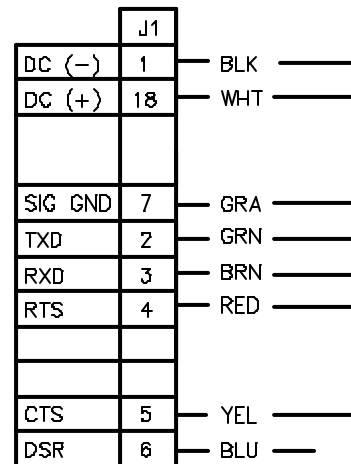


COMM MODULE, RS232
2015192-001
OR
RS232 CARD (EXCEPT EXP10 PCBA)

6713/6714

MDS9310

RADIO, MDS9310



12W



EXPIO PCBA (RS232)
 2012901-002
 OR
 2015452-002
 W/RS232 COMM MODULE



GLOSSARY OF TERMS

PART NUMBER	TITLE	DEFINITION
	6713 FCU	FLOW COMPUTER UNIT WITH CB181 ELECTRONIC BOARD (P/N 2015382-001/002), GAS ORIFICE, WITH COMMUNICATIONS AND VALVE CONTROL OPTION
	6714 FCU	FLOW COMPUTER UNIT WITH CB181 ELECTRONIC BOARD (P/N 2015382-001/002), PULSE INPUT, WITH COMMUNICATIONS AND VALVE CONTROL OPTION
2000003-001	COMM INTERFACE PCBA	RS-232 INTERFACE BOARD (COMPATIBLE WITH 6600 AND 6700 FLOW COMPUTER UNITS SUPPORTING 50 PIN INTERFACE CONNECTOR) REPLACED BY 2012878-001
2010283-003/004	VCI PCBA	VERSATILE COMMUNICATIONS INTERFACE (VCI) BOARD. PRIMARY FUNCTION IS DIGITAL VALVE CONTROL. INTERFACE BOARD HAS 4 DIGITAL INPUTS AND OUTPUTS. CAN BE ADDED TO 66XX OR 6713 FLOW COMPUTER TO PROVIDE VALVE CONTROL FUNCTION.
2012878-001	COMM INTERFACE PCBA	RS-232 INTERFACE BOARD (COMPATIBLE WITH 6600 AND 6700 FLOW COMPUTER UNITS SUPPORTING 50 PIN INTERFACE CONNECTOR) DOES NOT SUPPORT MODTONES
2011690-002	EXPIO PCBA, RS232	PLUG-IN RTU BOARD RS-232 VERSION (OBSOLETE, REPLACED BY 2012901-002 AND 2015452-002)
2012901-002	EXPIO PCBA, RS232	PLUG-IN RTU BOARD RS-232 VERSION (OBSOLETE, REPLACED BY 2015452-002)
2015452-002	EXPIO PCBA, RS232	PLUG-IN RTU BOARD RS-232 (REPLACES 2011690-002 AND 2012901-002)
2015133-001	RS232 COMM INTERFACE	RS-232 INTERFACE BOARD FOR THE 6400 FLOW COMPUTER (WITHOUT REQUEST-TO-SEND ISOLATION FUSE)
	MDS9310 W/MODEM	TOTALFLOW PART NUMBER FOR MICROWAVE DATA SYSTEMS (MDS) SPREAD SPECTRUM TRANSCEIVER WITH INTERNAL 4800 BAUD MODEM
2015382-XXX	CB181 PCBA	MODEL 6700 ELECTRONIC BOARD
2015192-001	RS232 COMM MODULE	RS-232 COMMUNICATIONS MODULE FOR 6400 OR 6700 FLOW COMPUTER UNIT
	COMM SCHEDULER FEATURE	ALTERNATE METHOD OF DUTY CYCLING COMMUNICATIONS DEVICE POWER TO CONSERVE SYSTEM BATTERY POWER. THIS METHOD WILL ALLOW THE USER TO SPECIFY SPECIFIC TIMES DURING THE DAY TO ENERGIZE THE COMMUNICATIONS DEVICE FOR A SPECIFIED PERIOD OF TIME. REFER TO TECHNICAL BULLETIN #44 FOR SETUP DETAILS.