NOTES: 1. WARNING: This drawing does not illustrate the installation methods required for hazardous locations. Prior to any installation in a Classified Hazardous Location, verify installation methods by the Control Drawing referenced on the product's name tag and national and local codes. 2. Termination methods for COMM ports 1 and 2 are the same. All notes apply. 3. In this configuration COMM 1 may only be used to communicate with the listed devices. Use COMM 2 for other devices. Wireless I/O Host -The RMC can operate on 12 or 24 2102412 volts DC. If using VOUT to power an external device verify that the RMC supply voltage is compatible with the external device. 0 0 1 VOUT (RED) (BLK) GND J3 BUS-10 10 BUS-(GRA) BUS-9 BUS-(GRN) BUS+ 7 BUS+ 6 NC BUS+ GND 4 GND 3 NC 2 NC VBATT 9 8 9 8 1 2 3 4 5 6 7 8 9 1 2 3 4 5 6 7 8 9 1 13.8 VDC 00 0000 00000000 00000000 0 A L1 L2 — coмм 1 — — сомм 2 -**Totalflow Cable** 0 P/N 2100759-004 RMCIO ▷ COMM 1 COMM 2 RMC WWW ABB.CO 800-442-3097 MODEL: RMC SERALNO: For a COMM port to be activated the RMC COMM PORT PINOUTS COMM module (Part # 2105236-001) PIN RS-232 RS-422 RS-485 must be in the slot for the appropriate Voltage Out (VOUT) Voltage Out (VOUT) Voltage Out (VOUT) COMM port. The module is software Ground (GND) Ground (GND) Ground (GND) selectable for communication protocol type. 3 Switched voltage (Sw VOUT) Switched voltage (Sw VOUT) Switched voltage (Sw VOUT) Operate (OPER) 4 Operate (OPER) Operate (OPER) 5 Remote request to send (RRTS) Remote request to send (RRTS) Remote request to send (RRTS) 17 [2] [3] [4] [5] [6] [[1] [2] [3] [4] 6 Request to send (RTS) Transmit bus+ (TBUS+) Transmit bus+ (TBUS+) Transmit bus- (TBUS-) 7 Transmit data (TX) Transmit bus- (TBUS-) 8 Receive Data (RX) Receive bus+ (RBUS+) Not Used Clear to send (CTS) Receive bus- (RBUS-) Not Used

RMC (2105350) Board

44 EN EN	TOTALFLOW	ACTION	DOC TYPE	TITLE	DWG NO.	REV	SHEET
ABB	Products	L36331	UD	RMC (2105350 BOARD) COMM (RS485) TO WIRELESS I/O HOST (2102412 BOARD)	2105586	ΔΔ	1 OF 1
		L30331	UD	1/0 HOST (2102412 BOARD)	2100000	AA	I OF I