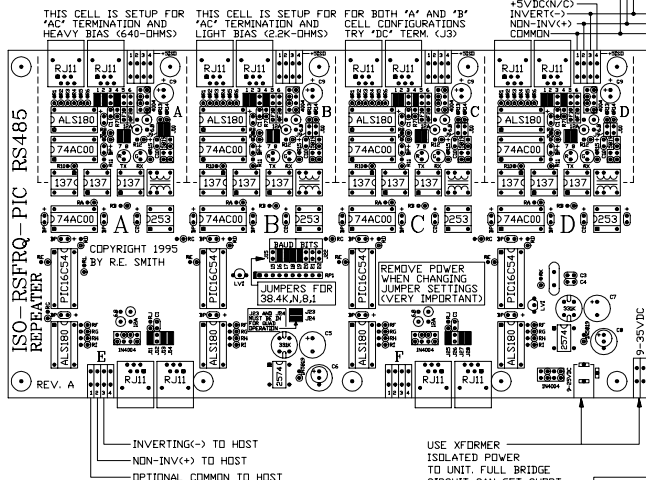
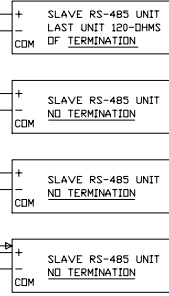


TERMINATE AT END UNIT

NOTE: SLAVE UNITS MUST BE FREE TO "FLOAT" OR BE CONNECTED TO GROUND POTENTIALS THAT DO NOT EXCEED A DIFFERENTIAL VOLTAGE OF +/- 6VDC.
 NOTE: IF SHIELDED WIRE IS USED GROUND AT ONE END ONLY.
 NOTE: EXCESSIVE TERMINATION CAN LOAD THE LINE AND PREVENT COMMUNICATIONS. TERMINATE AT THE END OF LINE(S) ONLY.
 THE DISTANCE BETWEEN THE RS-485 "BUS" AND THE UNIT SHOULD BE AS SHORT AS POSSIBLE.

COMMON LINE IS OPTIONAL



TERMINATE AT REPEATER

R. E. SMITH
 4311 TYLERSVILLE ROAD
 HAMILTON, OHIO 45011
 (513) 874-4796

MODEL IRSFRQ (PREVIOUSLY MODEL# ISO-RSFRQ-PIC OR IRSFRQ-PIC)

QUAD RS485 OPTO-ISOLATED REPEATER

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DRAWN BY RES	SUBJECT	RS232/RS485
DATE 5-12-97	FOR QUAD ISO CONV/REPT	
SCALE NONE	RES	R. E. SMITH 4311 TYLERSVILLE RD. HAMILTON, OHIO 45011
CHKD. BY RES	DWG. NO.	REV.
	IRSFRODB	IRSFRODB A

INVERTING(-) TO HOST
 NON-INV(+) TO HOST
 OPTIONAL COMMON TO HOST

USE XFMR FOR ISOLATED POWER TO UNIT. FULL BRIDGE CIRCUIT CAN GET SHORTED IN NON-ISOLATED POWER IS USED.

REMOVE POWER WHEN CHANGING JUMPER SETTINGS (VERY IMPORTANT)

JUMPERS FOR 33.4KΩ, 10Ω

9-35VDC

REPEATER

REV. A

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