

JUMPER SUMMARY * = FACTORY SETTING (FOR CHANNEL A)

- 1) J1A INSTALLED = CHANNEL A RX FUNCTION ENABLED *
 J1B INSTALLED = CHANNEL A RX OFF WHEN TX ENABLED
 NO JUMPER = CHANNEL A RX FUNCTION DISABLED
- 2) J2A INSTALLED = CHANNEL A TX FUNCTION DISABLED
 J2B INSTALLED = CHANNEL A AUTO TX ENABLE *
 NO JUMPER = TX FUNCTION ENABLED
- 3) J3/J5 INSTALLED = 620 OHM PULLUP AND PULL DOWN BIAS *
 J3/J5 REMOVED = NO BIAS
- 4) J4 INSTALLED = 120 OHM TERMINATION FOR RX/TX TERMINALS *
- 5) J6A/J7A INSTALLED = 2-WIRE MODE (RS485)
 J6B/J7B INSTALLED = 4-WIRE MODE (RS422) *

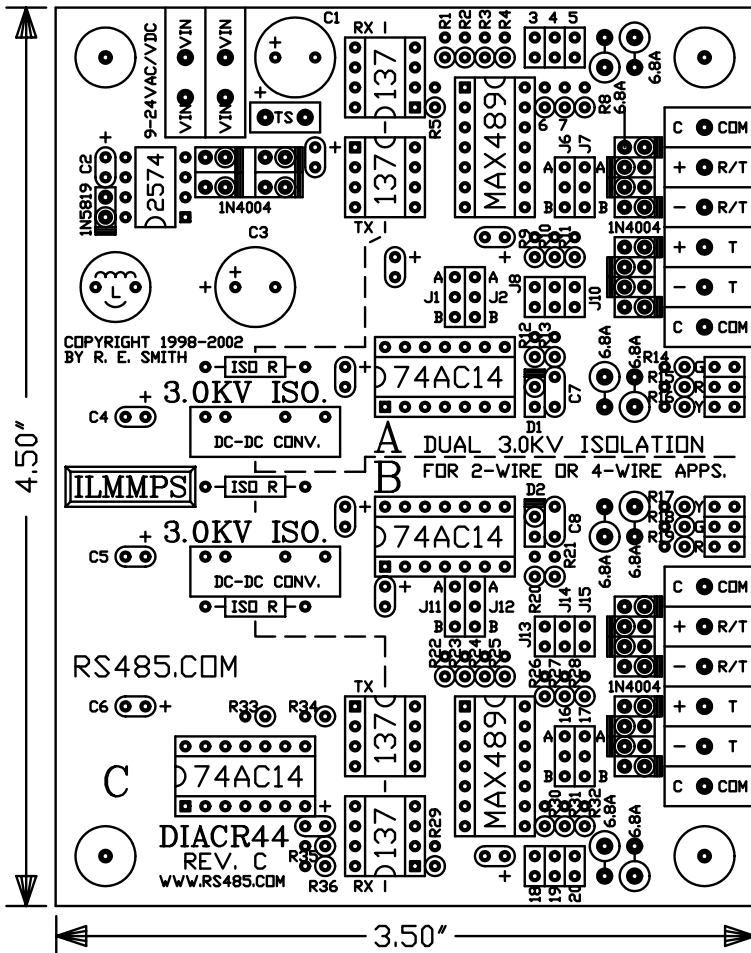
- 6) J8/J10 INSTALLED = 620 OHM *
 PULLUP AND PULL DOWN BIAS
 J8/J10 REMOVED = NO BIAS
- 7) J9 INSTALLED = 120 OHM *
 TERMINATION FOR TX TERMINALS

CHANNEL B EQUIVALENT JUMPERS:
 ADD 10 TO CHANNEL A SETTINGS FOR
 CHANNEL B SETTINGS (SAME MODE, 4-WIRE))

SPECIFICATIONS

- 1) SIZE: 4.50" X 3.50" X 0.9" (PC BOARD)
 WITH CONNECTORS: 5.0" X 4.0"
- 2) MOUNTING HOLES: 4-PLACES
 4.00" X 3.00" (#6 HARDWARE)
- 3) ISOLATION VOLTAGE: 3000VDC (1 SEC.)
- 4) TEMPERATURE RANGE: 0C TO 65C
- 5) HUMIDITY: 10-90% RH NON-CONDENSING
- 6) BAUD: 300-115.2K (LIMITED SLEW DRIVERS)
- 7) OPERATING VOLTAGE: 9-35VDC (12-24VAC)
- 8) TYPICAL POWER: UNDER 1.0W
- 9) OPERATING MODES
 - A) RS422 TO RS422 REPEATER
 - B) RS485 TO RS485 REPEATER
 - C) RS485 TO RS422 CONVERTER
 (RS422 TO RS485 ALSO)
- 10) AUTO TX ENABLE OR CONSTANT
 TX ENABLE IN RS422 (4-WIRE) MODE

NEW IMPROVED ISOLATION VOLTAGE
 AND JUMPER OPTIONS FOR REV. C UNITS.



(SET FOR RS422)
 ISOLATED CHANNEL A

COMMON
 (+)RX/TX (2-WIRE)
 (-)RX/TX (2-WIRE)
 (+)TX (4-WIRE)
 (-)TX (4-WIRE)
 COMMON
 RX DATA
 TX DATA
 ISO. PWR

ISOLATED CHANNEL B
 (SET FOR RS485)
 ISOLATED CHANNEL B
 (SET FOR RS485)
 COMMON
 (+)RX/TX (2-WIRE)
 (-)RX/TX (2-WIRE)
 (+)TX (4-WIRE)
 (-)TX (4-WIRE)
 COMMON

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		DATE 6-7-99	FOR DUAL-ISO CONV/REP	
		SCALE NONE	R. E. SMITH 4381 TILBURNVILLE RD. HAMILTON, OHIO 45011	
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