

DS1 P1	DS2 P2	DS3 P3	DS4 P4	Port to Test (JPn)	Display (Cn)
OFF	OFF	OFF	OFF	Channel 1 - JP3	C1
ON	OFF	OFF	OFF	Channel 2 - JP4	C2
OFF	ON	OFF	OFF	Channel 3 - JP5	C3
ON	ON	OFF	OFF	Channel 4 - JP6	C4
OFF	OFF	ON	OFF	Channel 5 - JP7	C5
ON	OFF	ON	OFF	Channel 6 - JP8	C6
OFF	ON	ON	OFF	Channel 7 - JP9	C7
ON	ON	ON	OFF	Channel 8 - JP10	C8

ELBNK-AMX WITH MOXA							
	DATE DRAWN:	DRAWN BY:	REQUESTED BY:	6			
	03/02/16	DAC	TE	C.E. ELECTRONICS, IN			
	BOARD NUMBER:	LAST DATE REVISED:	APPROVED BY:	Bryan, Ohio 43506			
	N/A	10/20/17		(419) 636-6705			
	PRODUCT	ELBNK with MOXA		ELBNK-AMX_02	REV: A		



FEATURE	WIRING	DESCRIPTION
Graphics Update	Two twisted, shielded pairs and a common wire (24 AWG or larger)	Allows customer to make changes to the screen content using a host computer. While transferring changes, normal display operation will continue.
MICRO COMM	Three 18 AWG Wires	Allows the display to know position, direction, door strobe, priority messages, etc.

DS1 Test1	DS2 Test2	UNIT RUN MODE
OFF	OFF	Normal Operating Mode
ON	OFF	Port/Display Test Mode: Sends out test packets to the Port/Address specified on S5. Display shows "D1" then "OK" for success or "" for failure.
OFF	ON	Alternating Output Test: Sends an alternating 255 and 0 out to the port (meter checks).
ON	ON	Factory Test Mode: Used at the factory for initial board tests.

DS3 Baud1	DS4 Baud2	BAUD RATE - NOTE: Elite Pi display and PC Transfer application must also be set to the same baud rate
OFF	OFF	9600
ON	OFF	19200 - Factory Default
OFF	ON	38400
ON	ON	57600

DS5 A1	DS6 A2	DS7 A3	DS8 HUB	ADDRESS - NOTE: The PC Transfer app must also be set to use this address
OFF	OFF	OFF	OFF	Bank 1 - Factory Default
ON	OFF	OFF	OFF	Bank 2
OFF	ON	OFF	OFF	Bank 3
ON	ON	OFF	OFF	Bank 4
OFF	OFF	ON	OFF	Bank 5
ON	OFF	ON	OFF	Bank 6
OFF	ON	ON	OFF	Bank 7
ON	ON	ON	OFF	Bank 8
OFF	OFF	OFF	ON	Hub 1
ON	OFF	OFF	ON	Hub 2

DATE DRAWN: 03/02/16	DRAWN BY: DAC	REQUESTED BY: TE	C.E. ELECTRONICS, INC		
BOARD NUMBER: N/A	LAST DATE REVISED: 10/19/17	APPROVED BY:	2107 Industrial Drive Bryan, Ohio 43506 (419) 636-6705	e 3 5	
PRODUCT	BNK-AMX TFT SYS	ELBNK-AM BACK_02	REV: B		