IPLC-1 REMOTE DISPLAY OPTION D

Remote Display Option D is an RS422A Serial Output Port which provides AMCI's series D6000 Remote Display's or other intelligent devices with position and tachometer data.

The serial data frame is 10 bits long. 1 Start bit, 7 Data bits, 1 Parity bit=0 and 1 Stop bit. The transmission rate is 9600 Baud. All data is hexidecimal ASCII characters.

The following describes the serial data sequence.

#xxx##xxx##xxx#∫..∫#yyy/zzz##xxx##xxx# , where:

xxx = unscaled 11 bit position data
yyy = tachometer 10 bit data
zzz = 10 bit scale factor [S.F.]
#,/ are ASCII characters.

#xxx# Also for yyy and zzz.
- 4 bits, includes LSB
- 4 bits
- 2 or 3 bits, includes MSB

Each #xxx# is 10 Msec long.
Tachometer and S.F. data #yyy/zzz# is sent at 500Msec. intervals.

x,y or z is a 0-9,A,B,C,D,E or F ASCII character

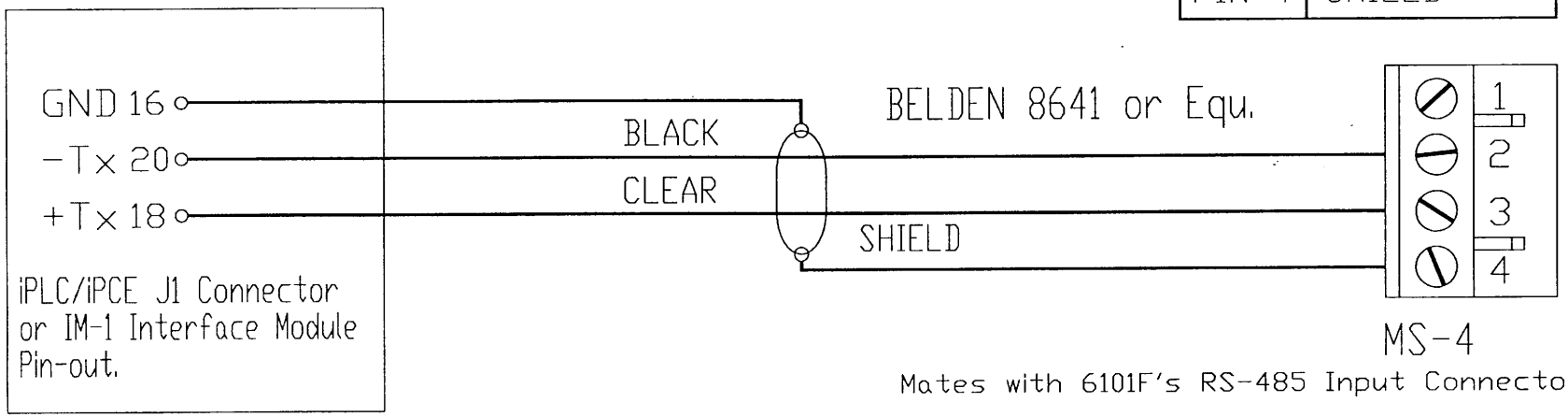
REVISIONS				
LTR	DESCRIPTION	ECN #	DATE	CHKD
A	Reversed RB/MRB Pins	260	8/22/96	

The cable can be connected to an RB-1Y Solid State Relay Board or a MRB-1Y Mechanical Relay Board. Pin-outs are shown below:

	RB-1Y	MRB-1Y
+ Tx	Pin 1 TB8	Pin 3 TB8
- Tx	Pin 2 TB8	Pin 4 TB8
GND	Pin 3 TB8	Pin 2 TB8

Connector Pin-out

PIN 1	Chassis GND
PIN 2	- TX
PIN 3	+ Tx
PIN 4	SHIELD



Mates with 6101F's RS-485 Input Connector

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE		
FRACTIONS	DECIMALS	ANGLES
± 1/32	.XX ± .02 .XXX ± .005	± 1°

APPROVALS	DATE
DRAWN DWN	8/22/96
CHECKED S.S.	8-22-96
APVD D T	8-22-96

MATERIAL

FINISH

DO NOT SCALE DRAWING

NEXT ASSEMBLY

QTY PER

ADVANCED MICRO CONTROLS, INC.
PLYMOUTH INDUSTRIAL PARK
TERRYVILLE, CT 06786

6101F
Remote Display Cable Dwg.

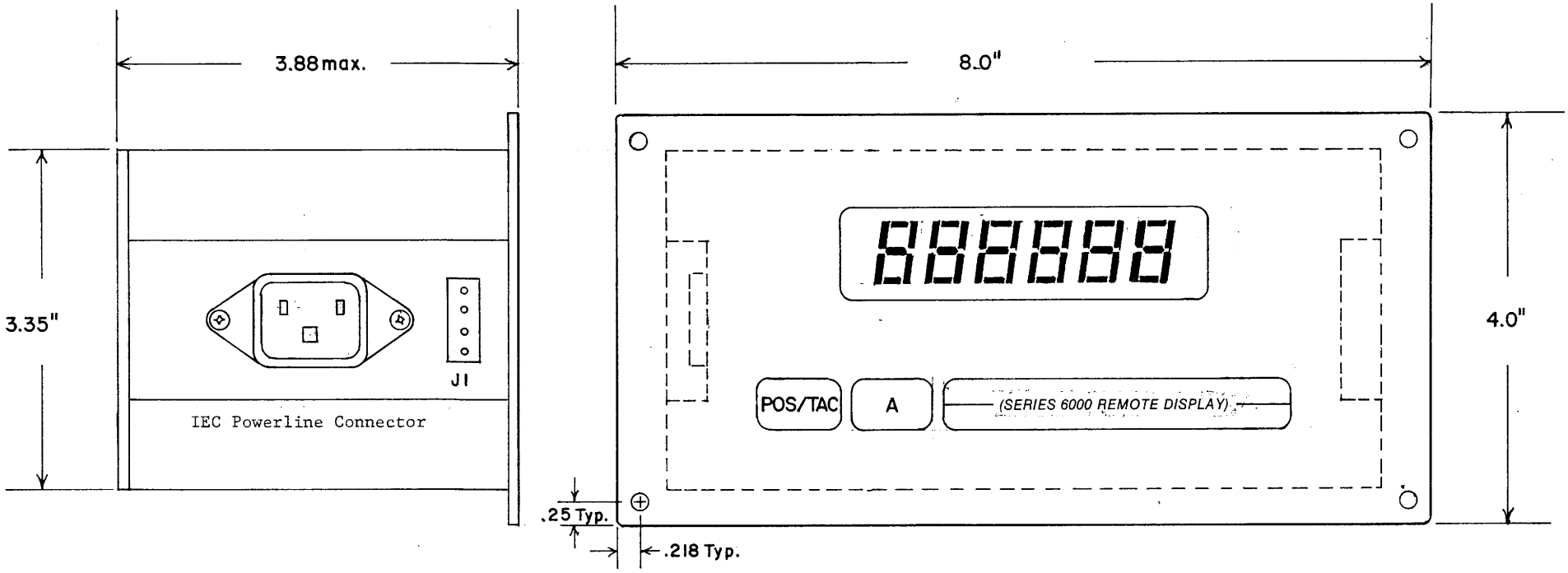
DRAWING NO. D1109200A

REV A

SCALE 1 TO 1

SHEET 1 OF 1

DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.



FRONT PANEL MOUNTING

J1 Input- Phoenix MSTBA1.5/4-5.08 connector

Series D6000 Serial Display provides remote visual data for iPLC and iPCE controllers. It displays up to 6 digits of data and is self powered by an internal 115V/230V ac power supply. It is available in either a front or rear panel mount version. A NEMA 13 housing is also available.

NOTE: Pushbutton switch A is for optional functions.

TOLERANCES (EXCEPT AS NOTED)	AMCI		
DECIMAL ±	D6000F	SCALE	DRAWN BY / APPROVED BY
FRACTIONAL ±	TITLE: REMOTE DISPLAY OUTLINE DWG.		
ANGULAR ±	DATE: 7-10-86	DRAWING NUMBER: B1022	