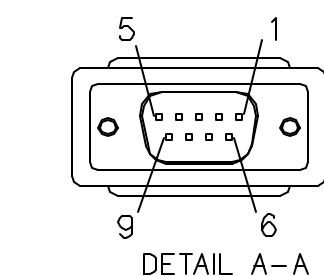
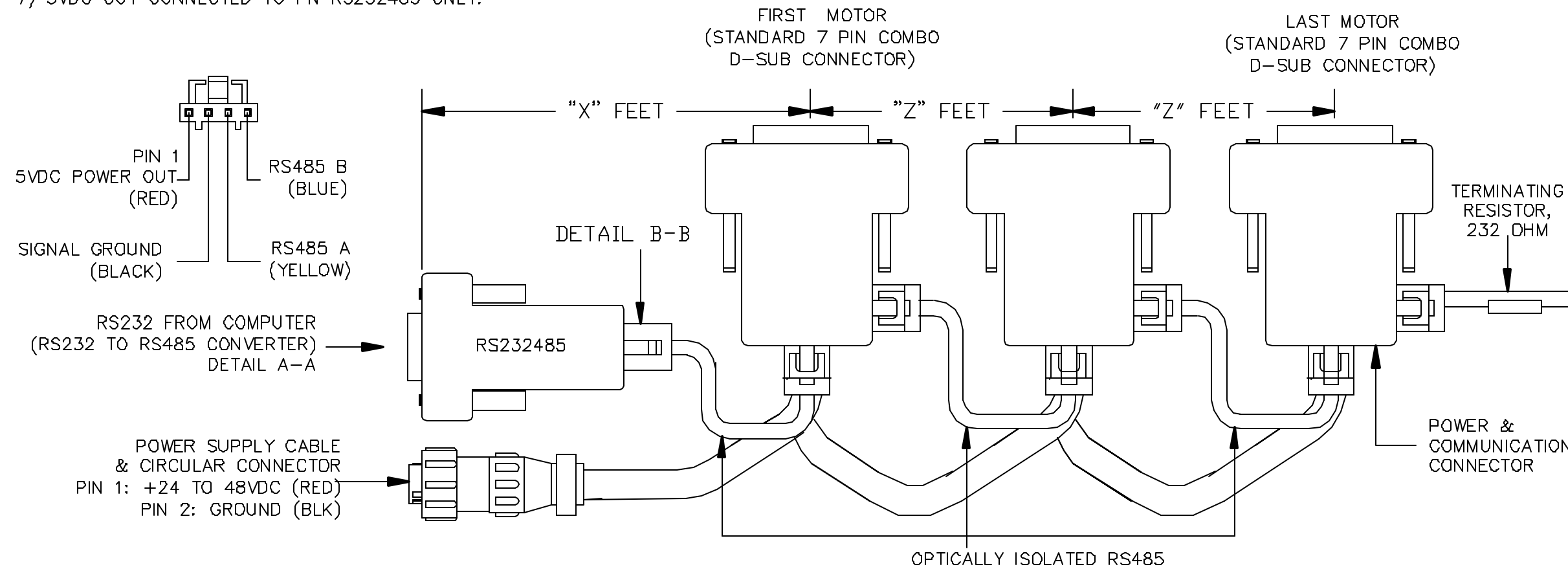


NOTES:

- 1) ASSEMBLY IS A SMARTMOTOR MULTI-DROP OPTICALLY ISOLATED RS485 PARALLEL COMMUNICATION AND POWER CABLE. INCLUDES A RS232485 CONVERTER AND TERMINATING RESISTOR.
- 2) PART NUMBER IS CLB5M2-X-Y-Z
 WHERE X=CABLE LENGTH [FEET] FROM FIRST MOTOR TO COMPUTER.
 THE CABLE LENGTH FROM FIRST MOTOR TO POWER SUPPLY.
 Y=NUMBER OF MOTORS.
 Z=CABLE LENGTH [FEET] BETWEEN MOTORS.
 LENGTHS ARE SAME FOR ALL MOTORS, UNLESS SPECIFIED.
- 3) COMMUNICATION CABLES & TERMINATING RESISTOR HAVE SNAP-IN CONNECTORS.
- 4) MOTOR CONNECTOR CONVERTS RS485 TO RS232 AT THE SMARTMOTOR AND USES I/O PIN G AS DATA DIRECTION FLOW CONTROL LINE ON SMARTMOTOR CONNECTOR1, CN1, ALSO REFERRED TO AS CHANNEL ZERO .
- 5) TO USE THE CABLE, ADDRESS THE MOTORS INDIVIDUALLY OR PROGRAM ADDRESS INTO MEMORY. AND OPEN CHANNEL ZERO BY ISSUING THE OPEN CHANNEL COMMAND "QCHN(RS4,0,N,9600,1,8,C)" OR "RS4".
- 6) CABLE TIES NOT SHOWN FOR CLARITY.
- 7) 5VDC OUT CONNECTED TO PN RS232485 ONLY.

PART NO.
CBL5M2-X-Y-Z

PART REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
	1	PRODUCTION RELEASE	2/7/00	
	2	REVISED TITLE BLOCK	1/4/02	
	3	ADD DETAIL A-A	6/5/03	
	4	REVISE DB9 PINOUT	02/19/04	



PIN#	DESCRIPTION	COLOR
2	RS232 RX (COMPUTER)	BLUE
3	RS232 TX (COMPUTER)	YELLOW
5	SIGNAL GROUND	BLACK

ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS & TOLERANCES ARE PER ANSI Y14.5M AND ARE IN INCHES. TOLERANCES ARE AS FOLLOWS: DECIMALS .XX± ANGLES ± .XXX±			THIRD ANGLE PROJECTION	
APPROVALS		DATE		
DRAWN TC		1/2/01		
CHECKED				
ENGINEER				
SCALE NOT TO SCALE				
FINISH				
SIZE B		COMPUTER GENERATED DRAWING		REV 4
SIMILIAR TO:		PART NO. CBL5M2-X-Y-Z		
CAD FILE NAME CBL5M2-X-Y-Z_MAIN		SHEET 1 OF 1		

ANIMATICS
 TITLE
**CABLE ASSY. ISOLATED
 RS485 MULTI-DROP**