

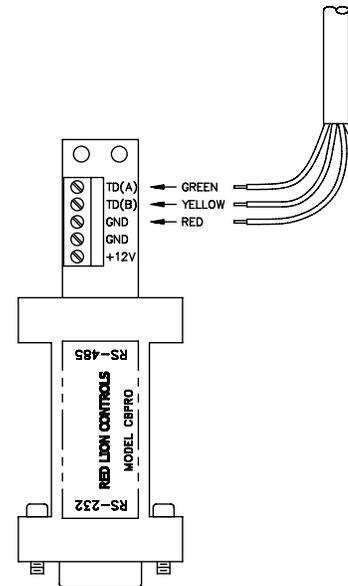
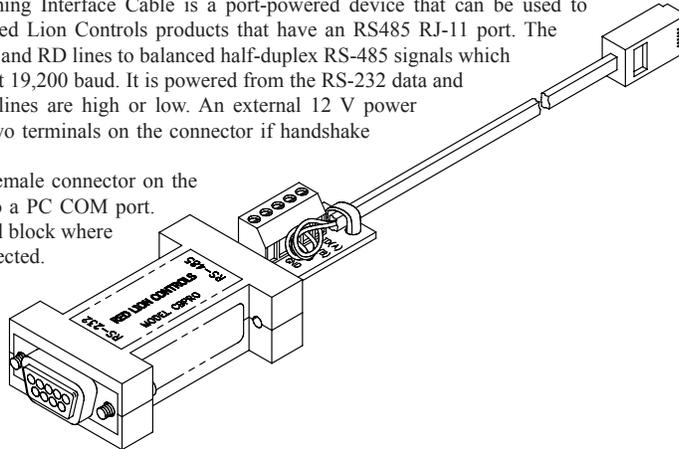
DLC & IAMS/ITMS CABLES

MODEL CBPRO - PROGRAMMING AND INTERFACE CABLE

DESCRIPTION

The CBPRO007 Programming Interface Cable is a port-powered device that can be used to download or interface with Red Lion Controls products that have an RS485 RJ-11 port. The cable converts the RS-232 TD and RD lines to balanced half-duplex RS-485 signals which can transmit up to 4,000 feet at 19,200 baud. It is powered from the RS-232 data and handshake lines whether the lines are high or low. An external 12 V power supply can be connected to two terminals on the connector if handshake lines are not available.

The CBPRO has a DB-9 female connector on the RS-232 side for connection to a PC COM port. The RS485 side, has a terminal block where the 7' long RJ11 cable is connected.



SPECIFICATIONS

- POWER REQUIREMENTS:** Port powered *
 * An external 12 VDC (unit draw @ 35 mA max.) can be applied if RS-232 output handshake lines are not available.
Note: When using an external supply, the supply should be connected only to specifically labeled terminal block power inputs. Connecting an external supply to the handshake lines may damage the unit.

- BAUD RATE:** 19200 Baud max.

- RS-232 SIDE:**

Connector: DB-9 female

SIGNAL	PIN	JUMPERED
TD	2	
RD	3	
GND	5	
RTS	7	to pin 8
CTS	8	to pin 7
DTR	4	to pin 6, 1
DSR	6	to pin 4, 1
CD	1	to pin 4, 6

- RS485 SIDE:**

Connector: terminal block

TERMINAL	RJ11 CABLE
TD(A)	Green
TD(B)	Yellow
GND	Red
GND	*
+12V	*

* External 12 VDC supply optional.

- CERTIFICATIONS AND COMPLIANCE:**

Immunity to EN 500082-1 Residential, Commercial and Light Industry (IEC 801-2, IEC 801-3, IEC 801-4)
 Emissions to EN 500081-1 Residential, Commercial and Light Industry (EN 55022)

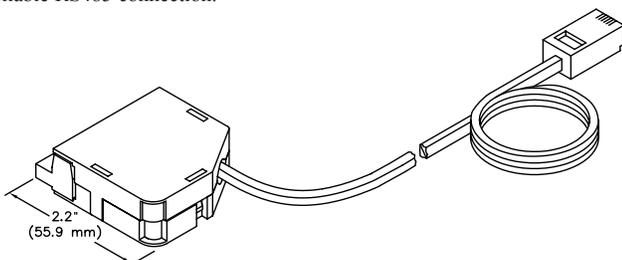
- CONVERTER DIMENSIONS:** L = 3.50" (88.9 mm) x W = 1.34" (34 mm) x H = 0.67" (17 mm)

- CABLE LENGTH:** 7 feet (2.13 meters)

PARADIGM TO RS485 RJ-11 INTERFACE CABLE

DESCRIPTION

The Paradigm to RJ-11 Interface Cable allows the Paradigm operator interfaces to be easily connected to any Red Lion Controls DIN rail module with an RS485 RJ-11 port. Both ends of this 7-foot cable are pre-wired to provide a reliable RS485 connection.



ORDERING INFORMATION

MODEL	DESCRIPTION	PART NUMBER
CBPRO	Programming Interface Cable	CBPRO007
	Paradigm to RJ-11 Interface Cable	P893805Z

LIMITED WARRANTY

The Company warrants the products it manufactures against defects in materials and workmanship for a period limited to two years from the date of shipment, provided the products have been stored, handled, installed, and used under proper conditions. The Company's liability under this limited warranty shall extend only to the repair or replacement of a defective product, at The Company's option. The Company disclaims all liability for any affirmation, promise or representation with respect to the products.

The customer agrees to hold Red Lion Controls harmless from, defend, and indemnify RLC against damages, claims, and expenses arising out of subsequent sales of RLC products or products containing components manufactured by RLC and based upon personal injuries, deaths, property damage, lost profits, and other matters which Buyer, its employees, or sub-contractors are or may be to any extent liable, including without limitation penalties imposed by the Consumer Product Safety Act (P.L. 92-573) and liability imposed upon any person pursuant to the Magnuson-Moss Warranty Act (P.L. 93-637), as now in effect or as amended hereafter.

No warranties expressed or implied are created with respect to The Company's products except those expressly contained herein. The Customer acknowledges the disclaimers and limitations contained herein and relies on no other warranties or affirmations.

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