

## LG/LS Master-K via CNET Serial Master Driver

### Information Sheet for Crimson v2.0

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#### Compatible Devices

- Master-K CNET Module
- Master-K CPU supporting CNET protocol

#### Verified Device

- K3P-07BS CPU (K200S)
- K3P-07AS CPU (K200S)

#### Accessible Data

Prefix	Description	Element Size	Access
PW	I/O Relay Words	Word	Read / Write
MW	Auxiliary Relay Words	Word	Read / Write
KW	Keep Relay Words	Word	Read / Write
LW	Link Relay Words	Word	Read / Write
FW	Special Relay Words	Word	Read Only
TX	Timer Contact Relay	Bit	Read / Write
TW	Timer Elapsed Value	Word	Read / Write
CX	Counter Contact Relay	Bit	Read / Write
CW	Counter Elapsed Value	Word	Read / Write
S	Step Controller	Word	Read / Write
D	Data Register	Word	Read / Write

## Cable Information

### \*\*RS232 Communications:

Red Lion RS232 Port	K200S (A & C) RS-232C
2 - Rx	7 – Tx for CNET
5 - Tx	4 – Rx for CNET
3 - COMM	5 - COMM

Red Lion RS232 Port	CNET RS-232C
2 - Rx	3 - Tx
5 - Tx	2 – Rx
3 - COMM	5 - COMM

### \*\*RS485 Communications:

Red Lion RS485 Port	Master-K RS422/485 Channel
1 - TxB	RDA & SDA
2 - TxA	RDB & SDB
6 - COMM	SG

### \*\*RS422 Communications:

Red Lion RS485 Port	Master-K RS422/485 Channel
1 - TxB	RDA
2 - TxA	RDB
4 - RxB	SDA
3 - RxA	SDB
6 - COMM	SG

\*\* - PLEASE NOTE: When connecting a Red Lion product to a Master-K CPU, please ensure the following wiring is used from the PC to the Master-K, only connecting the wires indicated.

PC	Master-K RS-232C
2 - Rx	3 - Tx
3 - Tx	2 – Rx
5 - COMM	5 - COMM