

Motrona LECOM Serial Master Driver

Information Sheet for Crimson 2.0

Compatible Devices

Motrona devices using LECOM Standard Addressing. Note, if application requires LECOM Extended Addressing, please contact Red Lion Technical Support.

Verified Device

Motrona FU252

Accessing Data

Please refer to Motrona documentation regarding serial codes.

Serial reads retrieve the current operational data from the Motrona devices RAM while serial writes to the Motrona write to the buffer memory only. Therefore, a serially written value is not available for serial reads until the Motrona devices ActivateData command is written. This is achieved by setting the Motrona devices ActivateData code to a value of 1. ActivateData is automatically reset by the Motrona device. Likewise, upon power down of the Motrona, activated data is lost unless the Motrona's StoreEEProm command is written in the same manner.

Revision History

12/11/08 – Created.

Communications

Red Lion RS232 Port	Motrona FU252 Port
5 (Tx)	2 (Rx)
2 (Rx)	3 (Tx)
4 (Comm)	5 (GND)

Red Lion RS485 Port	Motrona FU252 Port
1 (TxB)	8 (T+)
2 (TxA)	7 (T-)

Red Lion RS485 Port	Motrona FU252 Port
4 (RxB)	8 (T+)
3 (RxA)	7 (T-)
1 (TxB)	6 (R+)
2 (TxA)	1 (R-)