Unitronics Master PLC

Information Sheet for Crimson v2.0

Compatible Devices

- Unitronics PLC's

Verified Device

- M90-19-B1A

Driver Selection – No Options

Device Selection – Select the Address of the PLC, per System Integer 8.

Accessible Data

Selection	Description
A	Output Bit
B	Memory Bit
E	Input Bit
G	System Bit
M	Counter Scan Bit
T	Timer Scan Bit
MI	Memory Integer
ML	Memory Long
MD	Memory Double Word
MR	Memory Real
SI	System Integer
SL	System Long
SD	System Double Word
TP	Timer Preset (Integer)
TV	Timer Current Value (Integer)
CP	Counter Preset (Integer)
CV	Counter Current Value (Integer)
RT	Real Time Clock (One Byte per Item)

NOTE: Some PLC's do not support all of the available selections. Additionally, the address range that is available in the configuration does not necessarily correspond to the range permitted in a PLC. The programmer is responsible for using only selections and address ranges compatible with the PLC model to be used.

RT (Real Time Clock) comprises seven individually addressable bytes.
RT0 – Seconds
RT1 – Minutes
RT2 – Hours
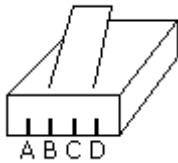**RT**3 – Day of the week (1 = Sunday)
RT4 – Date
RT5 – Month
RT6 – Year
Items not written by the operator will use the most recent values read by the driver.

Cable Information

232 Port	DB9-S (MJ10-22-CS25)	G3
B	2	2
C	3	5
A/D	5	3/4

RS485 Signal	G3
TxA	7
TxB	8