Dupline Mastergenerator via Modbus Driver

Information Sheet for Crimson v2.0

Compatible Devices

All Dupline Mastergenerator with Modbus communications

Verified Device

Dupline Mastergenerator G3800 0015

Data Access

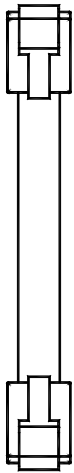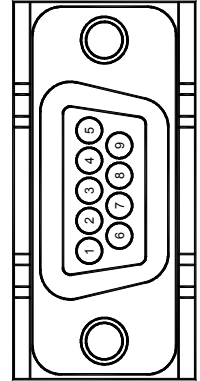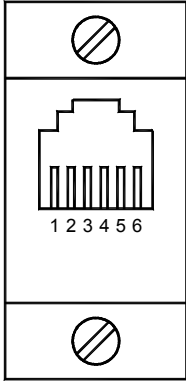| Prefix	Description	Element Size	Access
Analink	Analink Values	Word	Read Only
Counter	Counter Values	Long	Read Only
MuxAnalog	Mux Analog Values	Word	Read / Write*
MuxOutput	Mux Analog Output Values	Word	Read / Write
RstCtr	Reset Counter	Bit	Write Only
Digital	Digital Status	Bit	Read Only
DigitalIn	Digital Input	Bit	Read / Write*
DigitalOut	Digital Output	Bit	Read / Write*
Limit	Analink Limit Values	Word	Read / Write
Time	Real Time Settings	Word	Read / Write

* Since writes occur at a different location than reads, it is recommended that separate tags be specified and used for each operation.
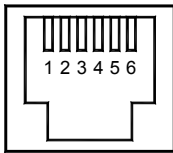
Cable Information

Pages 2 and 3.

Communication Cable, G3 / Modular Controller / Data Station Plus to generic RS232.
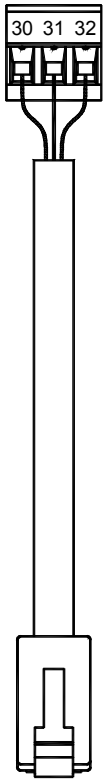
CBLGEN01 – 10' long

1 2 3 4 5 6

1 2 3 4 5 6

Connections			
FROM RLC UNIT	Name	CONNECTER PINOUT	
		RJ12	DB9 MALE
1	CTS	1, 6	-
2	Rx	2	2
3	COMM	3	5
4	COMM	4	-
5	Tx	5	3
6	RTS	1, 6	-

The above table denotes the pin names of the RS232 port.
When connecting, the pin name at the RS232 port is connected
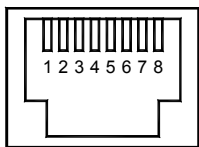to the opposite of that pin name at the destination device.

RS232 PORT
(FROM RLC UNIT)

Communication Cable, Dupline Mastergenerator via Modbus Driver (RS485).

Connections				
FROM RLC UNIT	Name	CONNECTER PINOUT		
		RJ45	PHOENIX	
1	TxB	1	30	
2	TxA	2	31	
3	RxA	3	-	
4	RxB	4	-	
5	TxEN	5	-	
6	COMM	6	32	
7	TxB	7	-	
8	TxA	8	-	

The above table denotes the pin names of the RS485 port.
When connecting, the pin name at the RS485 port is connected
to the opposite of that pin name at the destination device.

1 2 3 4 5 6 7 8

RS485 PORT
(FROM RLC UNIT)