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Alstom GEM80 Drivers

Information Sheet for Crimson v2.0

Compatible Devices

Alstom GEM80

Verified Device

Alstom GEM80-500

Accessible Data

Prefix	Description	Range
A	Input Words	0 - 1023
B	Output Words	0 - 1023
C	General Tables	0 - 32767
D	General Tables	0 - 32767
E	Timing Flags and RTC	0 - 32767
F	Fault Flag Words	0 - 32767
G	General Tables	0 - 32767
H	General Tables	0 - 32767
I	Serial Link Control	0 - 32767
J	Comms Tables	0 - 1023*
K	Comms Tables	0 - 1023*
L	General Tables	0 - 32767
M	Maintainer Tables	0 - 32767
N	General Tables	0 - 32767
O	General Tables	0 - 32767
Q	Floating Point Tables	0 - 32767
R	R Retained Tables	0 - 32767
U	General Tables	0 - 32767
W	W Retained Tables	0 - 32767

*Driver Dependent

Cable Information

Programming Port:

G3 RS232 Port	Alstom GEM80 – DB15
2 - Rx	10 - TxD
5 - Tx	9 - RxD
3 - COMM	14 - COMM
No Connection	1 - 7
No Connection	2 - 8

RS232 Communications Port:

G3 RS232 Port	Alstom GEM80 – DB9
2 - Rx	3 - Tx
5 - Tx	2 - Rx
3 - COMM	5 - COMM

RS485 Communications Port:

G3 RS485 Port	Alstom GEM80 – DB9
1 - TxB	4 - RxB
2 - TxA	1 - RxA
3 - RxA	6 - TxA
4 - RxB	9 - TxB
6 - COMM	5 - COMM

Ethernet Communications:

Standard 10-Base-T Ethernet Cable