IMO K7 and G6/G7 Loader Port Drivers

Information Sheet for Crimson v2.0

Compatible Devices

- K7
- G6/G7

Verified Devices

- K7M-DR30S
- GM6-B08M

Accessible Data – K7 Series

Prefix	Description	Element Size	Access
M	Auxiliary Relay	BIT	Read/Write
P	Input and Output Relays	BIT	Read/Write
L	Link Relays	BIT	Read/Write
K	Keep Relays	BIT	Read/Write
F	Special Relays	BIT	Read/Write
D	Data Registers	WORD	Read/Write
TV	Timer Values	WORD	Read
TB	Timer Done Bits	BIT	Read/Write
CV	Counter Values	WORD	Read
CB	Counter Done Bits	BIT	Read/Write

Accessible Data – G6/G7 Series

Prefix	Description	Element Size	Access
M(XBWD)	Auxiliary Relay	Note 1	Read/Write
I(XBWD)	Input Relays	Note 1	Read/Write
Q(XBWD)	Output Relays	Note 1	Read/Write

Note 1: For the G6/G7 Series, there are four selections for each type of relay, X for bits, B for bytes, W for 16 bit words, and D for 32 bit words. The format is designed to be the same as that of the IMO programming software, without the %. For example, to select the second rack, the third slot, and the fourth input, the value IX1.2.3 is entered by the programmer. To select the 16 bit word that contains that input, IW1.2.0 is entered, which comprises the sixteen values IX1.2.0 through IX1.2.15.

Cable Information

G3 RS-232 Port	IMO (9 way Female)
5 (TxD)	2 (RxD)
2 (RxD)	3 (TxD)
4)	5 (Comm)