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KEB DIN66019II TCP/IP Master Driver

Information Sheet for Crimson v2.0

Compatible Devices

KEB Inverters equipped with an Ethernet interface, supporting DIN66019II protocol.

Verified Device

KEB F5 Inverter w/ COMBIVERT Ethernet

Accessing Data

Raw data values are retrieved from the KEB drive.

NOTE: It is the programmers responsibility to protect data so that only valid values are sent to the KEB drive. In the event the KEB device responds with an error code, the error code and information related to the error will be stored in the Latest Error Code data item provided in the driver.

The Latest Error Code is designed to be viewed in 8 digit hexadecimal format. It should be interpreted as follows:

xyyyz - where xx is the service as defined in the table below, yyyy is the parameter number, z is the set and e is the error as defined in the KEB documentation.

Prefix	Description	Data Type	Service
EP	Enhanced Parameter : Set	Long	0
SP	Standard Parameter : Set	Long	1
LL	Parameter Lower Limit	Long	2
UL	Parameter Upper Limit	Long	2
PD	Parameter Default	Long	3
C1	Characteristics 1	Long	4
C2	Characteristics 2	Long	4
DD	Display Divisor	Word	5
DM	Display Multiplier	Word	5

Prefix	Description	Data Type	Service
DO	Display Offset	Word	5
DF	Display Flags	Word	5
ID	Index Display	Word	7
ND	Number Display	Word	7
IC	Index Combivis	Word	7
NC	Number Combivis	Word	7
LI	Process Data In (32-bit)	Long	10h
LO	Process Data Out (32-bit)*	Long	10h
SL	Send Process Data Out (32-bit)*	Word	10h
WI	Process Data In (16-bit)	Word	11h
WO	Process Data Out (16-bit)*	Word	11h
SW	Send Process Data Out (16-bit)*	Word	11h

*Process Data out values are not sent to the KEB drive until the appropriate Send Process Data Out command is set to a new non-zero value.

Cable Information

Standard 10-Base-T Ethernet Cable

Revision History

12/10/09 - Created