AMKASYN
KW option module KW-SM2
Bus Station Address Setting

Version: 2002/22
Part-No.: 29510

About this documentation

Name: PDK_029510_KUKW_Option_SM2_en

Use:

What has changed:

Version	Change	Subject	Letter symbol
2002/22			
2008/42		first Flare Version	Bls

Further Documentation:

Target group:

Representation agreement:

Reservation: We reserve the right to modify the content of the documentation as well as to the delivery options for the product.

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You can assist us in finding a fast and reliable solution for the malfunction by providing our service personnel with the following

- Information located on the ID plate of the devices
- the software version
- the device setup and application
- the type of malfunction, suspected cause of failure
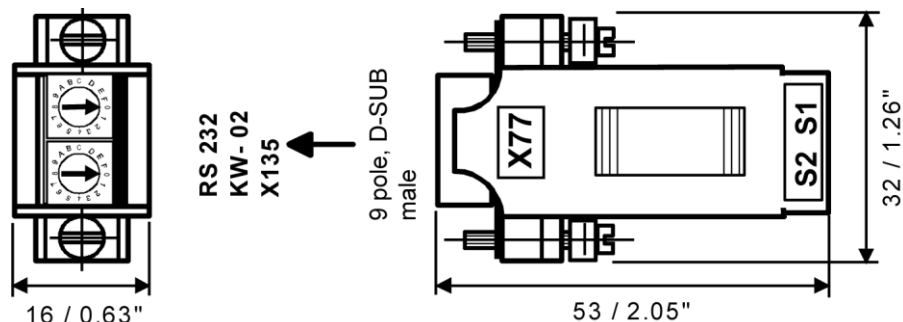- the diagnostic messages (error messages)

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1 KW Option module KW-SM2 Service module Bus Station Address Setting

The bus station address can be preset through the hex-coded rotary switches S1/S2 by use of the service module KW-SM2. This value then is transferred to the inverter module KW into ID34023 on the EEPROM.

(Condition: KW controller card KW-R02 from revision 1.06).
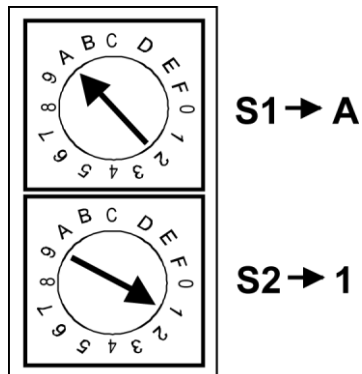

picture name: ZC H_KW_SM2

Via D-SUB connector X74 the service module is connected to the serial interface RS232 (X135) on the controller card KW-R02. It is secured by the two bolts.

Through the hexadecimal coded rotary switches S1/S2 the bus station address (0...127) must be preset as a HEX value (00...7F).

The least significant digit is preset at switch S1 (x**X**), the most significant digit at switch S2 (**X**x).

Example:

Required bus station address (KW): „**43**" → „**2B**" (hex)

S1 → A

S2 → 1

picture name: ZCH_dim_kw-sm2

Only during power up the preset HEX address is read in. Then this value is stored in ID34023 on the inverter module KW. If both switches are set to "0" position (or the KW-SM2 module is not plugged in), the already internally stored bus station address according to ID34023 becomes effective.

1.1 Connector pin assignment X77:

Pin	Signal	Comment for KW-R02
1	12P	maximum 200mA
2	PC_RxD	RS232 Receive Data
3	PC_TxD	RS232 Transmit Data
4	CS_DA	ST10-P4.7 I/O port
5	GND	Signal Ground
6	SCLK	ST10-P3.13 I/O port
7	MTSR	ST10-P3.9 I/O port
8	SBF	Panel status
9	n.c.	AMK reserved

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