AS-Interface – Supplement to manual

Affected products and documents

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¹) Does not apply to device variants -AUX / -AXB.

Reason for change

Information 24 V DC / AS-Interface (SK 225E/ SK 235E, except -AUX, -AXB)

With the use of the yellow AS interface line:

- the supply voltage (26.5 - 31.6 V DC) for the use of the digital inputs or other external peripherals (e.g. activators) can be obtained from terminals 44/40. The permissible total current for this is limited to 60 mA!

  The terminal "44" is protected against short circuit. In case of an overload it will switch off by a thermal fuse element. After a cooling time that depends on the ambient conditions, the fuse will reset.

- no voltage source may be connected to terminals 44/40,

- the frequency inverter is supplied via the yellow AS-i line.

Connection example:

![Connection example](image)

Figure 1: Connection example
Validity

This change was introduced in year 2015 and is valid for all devices from design level EAA (see type plate on the frequency inverter).

Figure 2: Type plate

The document TI 800 00000007 is hereby replaced.