

# VARAN-KEB-F5 INTERFACE VKI 022



This VARAN interface card is used for communication between the KEB-F5 servo and frequency converter and the VARAN control.

A VARAN bus splitter function is integrated.

Communication is established over a DUAL-PORT RAM.

## Environmental Conditions

|                       |   |                      |
|-----------------------|---|----------------------|
| Storage temperature   | -20 ... +85 °C                                    |                      |
| Operating temperature | 0 ... +60 °C                                      |                      |
| Humidity              | 0-95 %, non-condensing                            |                      |
| EMC stability         | in accordance with EN 61000-6-2 (industrial area) |                      |
| Shock resistance      | EN 60068-2-27                                     | 150 m/s <sup>2</sup> |
| Protection type       | EN 60529  | IP20                 |

## General

|              |   |  |
|--------------|---|--|
| Interfaces   | HSP5 (RS232 for frequency converter): DSUB plug 9-pin (incl. +24 V DC supply)<br>HSP5 (diagnostic): 8-pin RJ45 socket<br>2x VARAN bus (distributor function): 2x RJ45 connector with LEDs |  |
| Xilinx       | XC3S250E CP132  |  |
| 4-Mbit Flash | M25P40  |  |

## Electrical Requirements

|                                       |   |                |
|---------------------------------------|---|----------------|
| Supply voltage                        | +24 V DC<br>(provided by the frequency converter) |                |
| Current consumption of voltage supply | typically 65 mA                                   | maximum 100 mA |

## Article Number and Miscellaneous

|                  |              |  |
|------------------|--------------|--|
| Article number   | 16-061-022   |  |
| Hardware version | 1.x          |  |
| Standard         | UL (E247993) |  |