

Manufacturer's Declaration



Date: January 2017

Securing protection against electric shock when using "KEB Combivert frequency inverter" according to IEC/EN 61800 – 5 – 1

Manufacturer's declaration for initial testing according to IEC/HD 60364-6 (DIN VDE 0100 - 600 (VDE 0100 – 600)) and for follow up testing according to EN 50110 – 1 (DIN VDE 0105 – 100 (VDE 0105 – 100))

Fault protection according to IEC/HD 60634 – 4 – 41 (DIN VDE 0100 – 410 (VDE 0100 – 410)) for output circuits of above mentioned equipment is secured under the following conditions:

- The above mentioned equipment is installed according to the safety instructions of the manual.
- The installation meets the requirement of applicable standards of the IEC/HD 60634 (DIN VDE 0100 (VDE 0100)) series.
- The continuity of all associated PE and equipotential bonding conductors is secured including the bonding and connection points.

The above mentioned equipment complies with the protection measure "automatic disconnection of the supply" according to IEC/HD 60634 – 4 – 41 (DIN VDE 0100 – 410 (VDE 0100 – 410): 2007 – 06, clause 411.3.2.5) if above mentioned requirement is fulfilled.

This is based on the following principle:

In case of short circuit with negligible impedance to a PE conductor or against earth the above mentioned equipment will reduce the output voltage within a time which is required by table 41.1 or 5 Seconds (as appropriate) of IEC/HD 60634 – 4 – 41 (DIN VDE 0100 – 410 (VDE 0100 – 410): 2007 – 06).

Barntrup, January 4th, 2017

Signature :

A handwritten signature in black ink, appearing to read 'W. Hovestadt', is written over a horizontal dotted line.

i.A. W. Hovestadt , Approval Manager