vbk.cmd

HANDHELD TO CONTROL DEVICES WITH RS485-BASED INTERFACES

vbk.cmd

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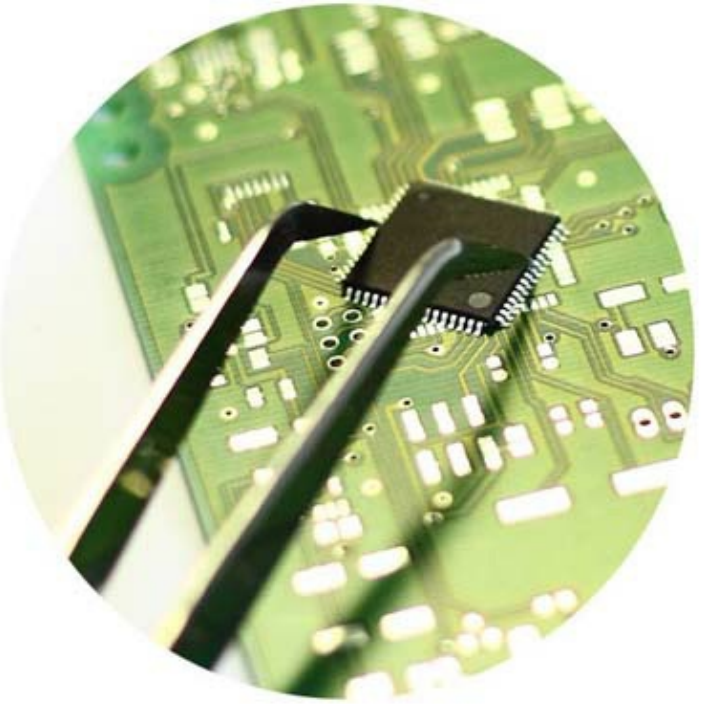
GND
Net A
Net B
Power
USB
approved controller
for
ebmpapst products
UP
DOWN
ENTER/ON

INFORMATION ABOUT VBK.CMD

- Handheld to control devices with RS485-based interfaces
- Clear and simple menu guide
- English and German
- amber lighted full graphic display
- powerfull rechargeable Lithium-ion battery with special charge control

TECHNICAL INFORMATION

HARDWARE



HARDWARE

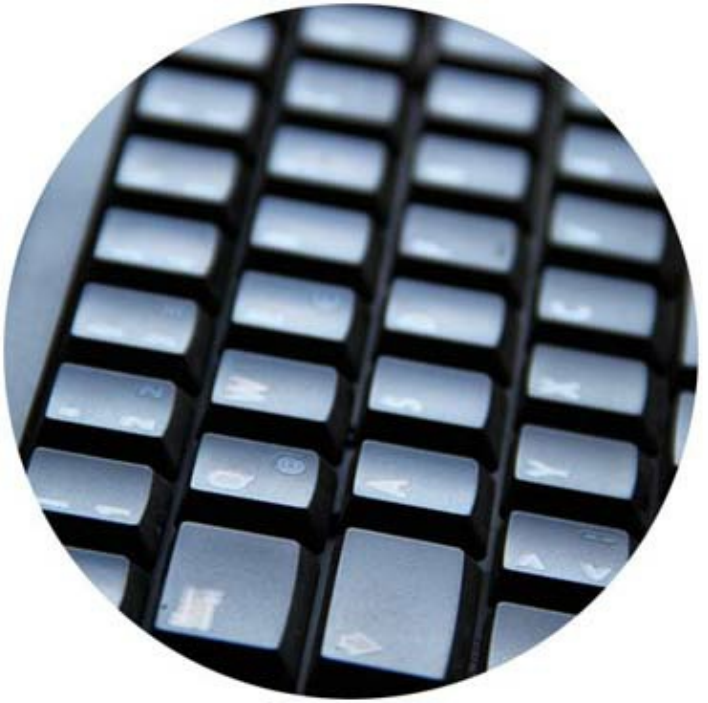
- Rechargeable Li-ion battery; 3,7V - 2300mAh
- USB data link with charge function
- easy access push encoder (IGR)
- real time clock

HARDWARE

- bus interface RS485
- Baud rate: up to 115200 bd
- Parity: non, even, uneven
- Stop bits: 1, 2
- Data bits: 8, 9

TECHNICAL INFORMATION

SOFTWARE



SOFTWARE

Communication driver for both RS485 BUS-systems

- ebmBUS
- Modbus-RTU

SOFTWARE

- „Scan Net“ Function for all systems
- Cyclic scan of single device and monitoring of requested data

SOFTWARE

- Control / Parametrizing of a single addressable device with feedback
- Control / Parametrizing of all connected devices without feedback (broadcast)
- Log function for single device and save in the external flash
- Battery charge observing and safety shutdown

APPLICATION FOR VBK.CMD

The vbk.cmd is designed for monitoring and control of several devices with RS485 interfaces. This can be all applications of different EC-fans (Filter-Fan-Units, heat exchangers, ...) but other control and diagnostic devices as well.

FAN FILTER UNITS

Cleanroomside

HEAT EXCHANGERS WITH FANS FROM EBMPAPST

ABOUT US

OUR SERVICES

We are a young company from Germany and see us as a technology provider with an own growing product portfolio.

DEVELOPMENT

COMPLETE- AND ADD-ON SOLUTIONS

- Customized diagnostic- and control devices
- Electric drives for special applications (AC, EC)
- Controller incl. com-interfaces (analogue, Modbus ...)

... from basic idea to prototype

SERVICE

AUTOMATION

- Design and commissioning support
- Project programming, data handling
- SPS Programming (Siemens, Eaton)

SERVICE

SUPPORT FOR FFU-PLANTS

- Project extensions
- Com-validation on-site
- Modbus, GBUS, ebmBUS, LONWORKS®

SERVICE

SYSTEM DIAGNOSTIC

- vibration analysis
- transient observing

PROGRAMMING

APPLICATIONS

- .net
- Javascript Frameworks
- Data bases (MySQL, MS-Access)

PROGRAMMING

WEBDESIGN

- HTML / CSS / PHP
- Responsive Design from Smartphone to HD-Monitor

PROGRAMMING

WORDPRESS

- Wordpress Themedesign and adaption

CONTACT

STAY IN CONTACT WITH US

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