

# HIMA F8652X

Part Number: F8652X  
Order Code: 984865265  
Model: Safety-related CPU

Microprocessor (2x) Type INTEL 386EX, 32 bits  
clock frequency 25 MHz

Memory per microprocessor (5 ICs each)

operating system Flash-EPROM 1 MByte  
user's program Flash-EPROM 512 kByte

data store sRAM 256 kByte

Interfaces 2 serial interfaces RS 485

Diagnostic display 4 digit matrix display with requestable  
information

Error switch off Fail-safe watchdog with output

24 V DC, loadable up to 500 mA,  
short circuit proof

Construction 2 PCBs in European standard

1 PCB for the circuits of the  
diagnostic display

Space requirements 8 TE

Operating data 5 V=: 2000 mA

Diagnostic display of the central module:

- 4 digit alphanumerical display
- 2 LEDs for the common display of errors (CPU for the central modules, IO for the testable IO-modules)
- 2 switch-over pushbuttons marked with <> and to request detailed information
- Push-button ACK resets the error indication. In failure stop ACK will react like the switch on of the system.

For further information to the diagnostic display refer to the documentation "functions of the operational system BS 41q/51q".

Hints for start-up and maintenance:

- Lifetime of the buffer battery without voltage feeding:

2500 days at TA = 25 ° C

100 days at TA = 60 ° C

You can contact us through the following contact information

- It is recommended to change the buffer battery after 4 years (lithium battery, e. g. type CR 2477N, HIMA part no. 44 0000018 )
- Check the bus station no. and transm. rate at switch S1 for correct settings



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