

# Certificate

No.: U 00 07 19183 032



HIMA Paul Hildebrandt GmbH + Co KG  
Albert-Bassermann-Str. 28  
68782 Brühl

with production facilities  
19183



is authorized to label the following products with the certification mark  
as shown in the certification mark list. See also notes overleaf.

**Product:** Safety Related Programmable Electronic System  
**Model:** H41q-MS, H41q-HS, H41q-HRS  
H51q-MS, H51q-HS, H51q-HRS  
Modules as listed in the report to the certificate

**Parameter:** Nominal supply voltage: 24 VDC  
Structure: CPU 1oo2 ( H41q-MS, H51q-MS)  
CPU 2oo4 ( H41q-HS, H41q-HRS,  
H51q-HS, H51q-HRS)

**Remark:** For the certification mark the following text is assigned:  
"Functional Safety"

Provided that the conditions stated in the Report to the Certificate are fulfilled, the product meets the relevant safety requirements and above mentioned properties and was tested according to:

- DIN V 19250:1994, AK 6
- DIN V 19251:1995, AK 6  
(as applicable)
- DIN VDE 0116:1989  
Ziffer 8.7 (as applicable)
- EN 61131-2:1994
- EN 50178:1997
- IEC 68-2-1, -2-2, -2-6,  
-2-27, -2-30
- DIN V VDE 0801:1990, AK 6
- DIN V VDE 0801 A1:1994, AK 6
- EN 50081-2:1993
- EN 50082-2:1995
- EN 55011:1991
- EN 54-2:1997 to the  
extend applicable
- EN 954-1, Kat. 4:1996

The report no. HB52548C is a mandatory part of this certificate. The product complies with the above listed safety requirements only, if the specifications documented in the currently valid revision of this report are met.

Released with No of certificate by the  
Certification Body of TÜV PRODUCT SERVICE GmbH.

Organization unit: ASE-IQSE / Müller  
Date: 2000-07-10

