

# Certificate

No.: U 01 05 20160 006



**Honeywell Safety Management Systems B. V.**  
**Branderijstraat 6**  
**NL-5223 AS 's-Hertogenbosch**

with production facilities  
 20160

is authorized to label the following products with the certification mark

**N** (for wording see remark)

as shown in the certification mark list. See also notes overleaf.

**Product:** Safety related programmable electronic system

**Model:** System family Fail-Safe-Controller FSC  
 DMR, QMR, 1oo1D, 1oo2D

**Parameter:** Nominal supply voltage: 24 VDC

CP configuration	I/O configuration	CPU type	Architecture	Voting
Single	Single	10020/1/1 (QPM)	DMR	1oo2
		10002/1/2 and 10012/1/2	1oo1D	1oo1D
Redundant	Single, Redundant, Single and Redundant	10020/1/1 (QPM)	QMR	2oo4D
		10002/1/2 and 10012/1/2	1oo2D	1oo2D

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

The product meets the relevant safety requirements and above mentioned properties and was tested according to:

- DIN V 19250:1994
- DIN V VDE 0801:1990 and amendment A1:1994
- DIN VDE 0116:1989 chapter 8.7 (as applicable)
- DIN EN 54-2
- DIN VDE 0160:1988
- EN 61131-2:1994 (see report to the certificate)
- EN 50081-2:1993
- EN 55011:1991
- ANSI/S84.01 (as applicable)

The report no. SH99495C is a mandatory part to this certificate. The product complies with the above listed safety requirements only if the specifications documented in the valid version of this report are met.

Released with certificate number by the  
 Certification Body of TÜV AUTOMOTIVE GMBH.

Organization unit: ASE-IQSE / Bosch  
 Date: May 30, 2001

