

Certificate



Certificate no.

CU 72080776 01

License Holder:

HIMA Paul Hildebrant GmbH + Co KG
Albert-Bassermann-Str. 28

68782 Brühl
Germany

Manufacturing Plant:

HIMA Paul Hildebrant GmbH + Co KG
Albert-Bassermann-Str. 28

68782 Brühl
Germany

Test report no.: USA-MHA 30783570 001

Client Reference: Jurgen Holzel

Tested to: UL 508:1999 R12.03
CAN/CSA C22.2 No. 14-95
IEC 61508-4:1998
IEC 61508-3:1998
see also additional page[s]

Certified Product: Programmable Controllers - HIMatrix System Family License Fee - Units

Model Designation: F60, F35 01, F35 02, F31 01, F31 02,
F30 01, F30 02, F20, F3 DIO20/8 01,
F3 AIO 8/4 01, F3 DIO 20/8 02,
F3 DIO 16/8 01, F3 DIO 8/8 01,
F2 DO 16 01, F2 DO 16 02,
F2 DO 4 01, F2 DO 8 02, F1 DI 16 01

Rated Voltage: DC 24V
Rated Current: 30A
Ingress Protection: IP20
Appendix: 1

contd.

Licensed Test mark:

Signature

Date of Issue
(day/mo/yr)

10/04/2008

Dipl.-Ing. R. Behrends
QA Certification Officer



Certificate



Certificate no.

CU 72080776 02

License Holder:

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Germany

Test report no.: USA-MHA 30783570 001

Client Reference: Jurgen Holzel

Tested to: IEC 61508-2:2000
IEC 61508-1:1998
EN 62061:2005
NFPA 72:1999 ER 3 + ER 4
see also previous page[s]

Certified Product: Programmable Controllers - HIMatrix System Family License Fee - Units

contd.

Additional Standards: see above

Special Remarks: To be installed according to the licensee's installation instructions. Only the F60, F35 are certified in reference to the requirements stipulated by NFPA 72:1999 ER3 + ER4.

Licensed Test mark:

Signature

Date of Issue

(day/mo/yr)

10/04/2008



A handwritten signature in black ink, appearing to read 'R. Behrens'.

Dipl.-Ing. R. Behrens
QA Certification Officer

License Holder: HIMA Paul Hildebrant GmbH + Co. KG
 Albert Bassermann Strasse 28, D-68782 Brühl bei Mannheim, Germany

Type of Product: HIMatrix

Model Number: F60, F35, F31 01, F31 02, F30, F20, F3 DIO20/8 01, F3 AIO 8/4 01, F3 DIO 20/8 02, F3 DIO 16/8 01, F3 DIO 8/8 01, F2 DO 16 01, F2 DO 16 02, F2 DO 4 01, F2 DO 8 01, F1 DI 16 01

List of Critical Components:

description/ client's p-n (or ref. designator)	manufacturer/ trademark (not distributor)	model (or catalog #)	technical data (V, A, Hz, other ratings)	standard(s)	mark(s) of conformity
Modular PES	Any	F60	SIL 3, PL e	IEC 61508, ISO 13849-1	
Compact PES	Any	F20	SIL 3, PL e	IEC 61508, ISO 13849-1	
Compact PES	Any	F35	SIL 3, PL e	IEC 61508, ISO 13849-1	
Compact PES	Any	F31 01, F31 02	SIL 3, PL e	IEC 61508, ISO 13849-1	
Compact PES	Any	F30	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O	Any	F3 DIO20/8 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F1 DI 16 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F2 DO 16 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F2 DO 16 02	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F2 DO 4 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F2 DO 8 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F3 AIO 8/4 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F3 DIO 20/8 02	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F3 DIO 16/8 01	SIL 3, PL e	IEC 61508, ISO 13849-1	
Remote I/O-NC	Any	F3 DIO 8/8 01	SIL 3, PL e	IEC 61508, ISO 13849-1	

Matthias Heynd

03/01/2008

TUV Rheinland of
 North America, Inc.

(place)

(date)

(Stamp and signature of applicant)