



C E R T I F I C A T E

No. Z10 05 09 29902 003

Holder of Certificate: **ABB Automation Technologies AB**

Tvärleden 2
721 59 Västerås
SWEDEN

Factory(ies):

51752

Certification Mark:



Product:

Safety Related Programmable Electronic System

Model(s):

800xA Safety

Parameters:

Logic solver: AC 800M High Integrity (HI) comprising
PM 865 and SM 810 - SIL 1-2, CAT 3
I/O modules: AI880, DI880, DO880 - SIL 1-3, CAT 4

Tested
according to:

IEC 61508:2000, parts 1 to 7, SIL 1-3
IEC 61511:2003 (to the extent applicable)
EN 954-1:1996, pr EN 954-2:1999
Safety Categories 2-4
(to the extent applicable)
EN 61131-2:2003
EN 60204-1:1997 (to the extent applicable)
UL 508:2001
UL 1998:1998
DIN VDE 0116:1989, chapter 8.7
EN 298:1993, chapter 8, 9, 10
ENV 1954:1996, chapter 4-8
NFPA 72:2002
NFPA 79:2002
NFPA 85, chapter 4.6.3:2004
ISA S84.01:1996 to the extent applicable
FM 7605:1999
EN 50178:1997
EN 50156-1:2003
EN 54-2 and -4:1997

The listed product was tested on a voluntary basis and complies with the relating standards or directives. The certification mark shown above can be affixed on the product. See also notes overleaf.

Test report no.:

AO 63111 C

Date, 2005-09-22

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