

# CERTIFICATE

## ELECTROMAGNETIC COMPATIBILITY

Applicant : **Bosch Sicherheitssysteme GmbH**  
Contact person : **Ms. H. van Banning-Hanssen**  
Address : **Robert-Koch-Strasse 100**  
Postal code, Place : **D-85521 Ottobrunn**  
Country : **Germany**

Manufacturer : **Bosch Sicherheitssysteme GmbH**  
Address : **Robert-Koch-Strasse 100**  
Postal code, Place : **D-85521 Ottobrunn**  
Country : **Germany**

Electrical apparatus : **Access Modular Controller**  
Trademark : **BOSCH ST**  
Type designation : **See Annex**

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Environment : **Residential, commercial and light industrial**

**EN 55022:1998** Emission - Class B  
**+ A1: 2000 + A2: 2003**  
**EN 61000-3-2:2000** Harmonic current emissions  
**EN 61000-3-3:1995** Limitation of voltage fluctuations  
**+ A1:2001**

**EN 55024:1998** Product group immunity standard IT equipment, from which:  
**+A1: 2001 +A2: 2003**  
**EN 61000-4-2:1995** Electrostatic discharge (ESD) immunity  
**+ A1: 1998 + A2: 2001**  
**EN 61000-4-3:2002** Radiated Electro-Magnetic field immunity  
**+ A1: 2002**  
**EN 61000-4-4:2004** Electrical fast transient (EFT) immunity  
**EN 61000-4-5:1995** Surge transient immunity  
**+ A1: 2001**  
**EN 61000-4-6:1996** Conducted Radio-Frequency disturbances immunity  
**+ A1: 2001**  
**EN 61000-4-11:2004** Immunity to voltage dips and short interrupts

**EN 50130-4:1995** Alarm systems -- Part 4: Electromagnetic compatibility --  
**+ A1:1998 +A2:2003** Product family standard: Immunity requirements for  
components of fire, intruder and social alarm systems

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The undersigned declares that the described products meet the essential requirements of the **EMC Directive 89/336/EEC**, based on a non-recurrent examination.

The results are recorded in our test report with reference 2101498.0501-QUA/EMC

KEMA Quality B.V.  
(Competent Body EMC)  
Arnhem, March 02, 2007

  
P.J. Catij  
Certification Manager EMC

Certificate nr. **2101498.0551-QUA/EMC**

Integral publication of this certificate and adjoining reports is allowed.



# ANNEX

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Annex to certificate **2101498.0551-QUA/EMC**, concerning the following types

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APC-AMC2-4WCF  
APC-AMC2-4W  
APC-AMC2-2R2CF  
APC-AMC2-2R2  
APC-AMC2-4R4CF  
APC-AMC2-4R4

API-AMC2-16IOE  
API-AMC2-8IOE

AEC-AMC2-VDS1  
AEC-AMC2-UL1  
AEC-AMC2-UL2

APS-PBC-60

API-AMC2-16ION  
APC-AMC2-EEC (Emergency Exit Controller)  
API-AMC2-8ION  
API-AMC2-16IE  
API-AMC2-4WE

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End of annex

Integral publication of this certificate and adjoining reports is allowed.

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