



# Zertifikat zur Anerkennung

## *Certificate of acceptance*

von / of

**Theben AG**  
**Hohenbergstraße 32**  
**72401 Haigerloch**  
**GERMANY**

durch die / by the

**VDE Prüf- und Zertifizierungsinstitut GmbH**  
***VDE Testing and Certification Institute***

für das / for the

### **Test Data Acceptance Program**

in der Stufe 3 / in the Stage 3

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**VDE Prüf- und Zertifizierungsinstitut GmbH**  
***VDE Testing and Certification Institute***  
Zertifizierung Produkte / *Certification Products*

2018-05-14

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Version 1, 2016-04-01

**VDE**  
INSTITUT



# TDAP-SCOPE

for

**Theben AG**  
**Hohenbergstraße 32**  
**72401 Haigerloch**  
**GERMANY**

## Products:

Equipment for residential, commercial and light-industrial environments

Equipment for industrial environments

Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS)

Electronic switches for household and similar fixed electrical installations

Switches for household and similar fixed electrical installations – Switches and related accessories for use in home and building electronic systems (HBES)

Automatic electrical controls

Automatic electrical controls for household and similar use – timers and time switches

## Standards:

EN 61000-6-1:2007  
IEC 61000-6-1:2005  
EN 61000-6-1:2017  
IEC 61000-6-1:2016  
(All clauses except see Note(1))

EN 61000-6-2:2005  
IEC 61000-6-2:2005  
EN 61000-6-2:2017  
IEC 61000-6-2:2016  
(All clauses except see Note(1))

EN 50491-5-2:2010  
EN 50491-5-3:2010  
(All clauses except see Note(1))

EN 60669-2-1:2004+A1:2009+A12:2010  
IEC 60669-2-1:2002/AMD1:2008  
(Accepted clauses: 26, except see Note(1))

EN 60669-2-5:2013-10  
(Accepted clauses: 26, except see Note(1))

EN 60730-1:2011  
IEC 60730-1:2010  
EN 60730-1:2016  
IEC 60730-1:2013  
(Accepted clauses: 26, except see Note(1))

EN 60730-2-7:2010  
IEC 60730-2-7:2008  
EN 60730-2-7:2015  
IEC 60730-2-7:2015  
(Accepted clauses: 26, except see Note(1))

## Persons:

Dr. Thomas Bieger  
Andreas Hensel  
Rainer Schwarz



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## Products:

Automatic electrical controls -  
temperature sensing control

Automatic electrical controls  
for household and similar use  
– for electric actuators

Switches for household and  
similar fixed electrical  
installations - Switches and  
related accessories for use in  
home and building electronic  
systems (HBES)

Electricity metering (AC) - Tariff  
and load control – time switches

Electricity metering equipment  
(AC) – Tariff and load control  
equipment

Electricity metering equipment  
(AC) – Metering equipment

Metering equipment  
(class indexes A, B and C)

Information technology  
equipment

Multimedia equipment

Information technology  
equipment

## Standards:

EN 60730-2-9:2010  
IEC 60730-2-9:2008  
EN 60730-2-9:2016+A1:2018  
IEC 60730-2-9:2015/AMD1:2018  
(Accepted clauses: 26, except see Note(1))

EN 60730-2-14:2001+A1:2001+A11:2005+A2:2008  
IEC 60730-2-14:1995/AMD2:2007  
IEC 60730-2-14:2017  
(Accepted clauses: 26, except see Note(1))

EN 50428:2005+A1:2007+A2:2009  
(Accepted clauses: 26, except see Note(1))

EN 62054-21:2004  
EN 62054-21:2004+A1:2017  
IEC 62054-21:2004/AMD1:2017  
(Accepted clauses: 7.6, 7.7, except see Note(1)(2))

EN 62052-21:2004  
IEC 62052-21:2004  
EN 62052-21:2004+A1:2017  
IEC 62052-21:2004/AMD1:2016  
(Accepted clauses: 7.6, 7.7, except see Note(1)(2))

EN 62052-11:2003  
IEC 62052-11:2003  
EN 62052-11:2003+A1:2017  
IEC 62052-11:2003/AMD1:2016  
(Accepted clauses: 7.5, except see Note(1)(2))

EN 50470-1:2006  
(Accepted clauses: 7.4, except see Note(1)(2))

EN 55022:2010  
CISPR 22:2008  
(All clauses, except clause 9.6.2  
(ISN - Measurement), 10

EN 55032:2015  
CISPR 32:2015  
(All clauses, except the following Measurements,  
A.8.2, A.8.3, A.8.4, A.8.5, A.8.6)

EN 55024:2010  
CISPR 24:2010/AMD1:2015  
(All clauses, except clause 4.2.4 (EN 61000-4-8)  
and Note(1))

## Persons:

Dr. Thomas Bieger  
Andreas Hensel  
Rainer Schwarz



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## Products:

Multimedia equipment

Electrical lighting and similar equipment

Household appliances, electric tools and similar apparatus

All products

Products with radio interface

## Standards:

EN 55035:2017  
CISPR 35:2016  
(All clauses, except (EN 61000-4-8) and Note(1))

EN 55015:2013  
CISPR 15:2013  
EN 55015:2013+A1:2015  
CISPR 15:2013/AMD1:2015  
(All clauses, except clause 7, 9)

EN 55014-1:2006+A1:2009+A2:2011  
CISPR 14-1:2005/AMD1:2008/AMD2:2011  
(All clauses, except clause 6)

EN 61000-4-2:2009  
IEC 61000-4-2:2008  
(All clauses)  
EN 61000-4-3:2006+A1:2008+A2:2010  
IEC 61000-4-3:2006/AMD2:2010  
(All clauses but see Note(1))  
EN 61000-4-4:2012  
IEC 61000-4-4:2012  
EN 61000-4-5:2006  
IEC 61000-4-5:2005  
EN 61000-4-5:2014+A1:2017  
IEC 61000-4-5:2014/AMD1:2017  
EN 61000-4-6:2009  
IEC 61000-4-6:2008  
EN 61000-4-6:2014  
IEC 61000-4-6:2014  
EN 61000-4-11:2004  
IEC 61000-4-11:2004  
EN 61000-4-11:2004+A1:2017  
IEC 61000-4-11:2004/AMD1:2017 CSV  
EN 61000-4-20:2003+A1:2007  
IEC 61000-4-20:2003/AMD1:2006  
EN 61000-4-20:2010  
IEC 61000-4-20:2010  
(All clauses)

ETSI EN 301 489-1 V2.1.1  
ETSI EN 301 489-3 V2.1.1  
ETSI EN 301 489-17 V3.1.1  
All clauses, except ISO 7637 testing but see Note(1)

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**Remark:**

**Note(1)**

**Immunity test to radiated fields is executed in the GTEM Cell. The VDE Institute is retaining the right to perform comparison tests. Maximum 10 V/m, maximum 3 GHz**

**Note(2)**

**Excluding the immunity to power magnetic field. IEC 61000-4-8. No ringwave EN 61000-4-12**

This TDAP Scope is valid only in conjunction with the Certificate of acceptance bearing the below-referenced ID Number.

This document „TDAP SCOPE“ replaces all former documents „TDAP SCOPE“.

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