



SLOVENSKI STANDARD
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Digital Enhanced Cordless Telecommunications (DECT); 3 Volt DECT Authentication Module (DAM)

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ICS:

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Digital Enhanced Cordless Telecommunications (DECT) Project of the European Telecommunications Standards Institute (ETSI).

This ETS defines the aspects of the DECT Authentication Module - Portable Equipment (DAM-PE) interface which is based on 3 Volt (3 V) technology to be used in the Portable Part (PP) within the DECT system.

Transposition dates	
Date of adoption:	3 October 1997
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1 Scope

This European Telecommunication Standard (ETS) defines the aspects of the Digital Enhanced Cordless Telecommunications (DECT) Authentication Module - Portable Equipment (DAM-PE) interface which is based on 3 Volt (3 V) technology to be used in the Portable Part (PP). It specifies the electrical and logical requirements necessary for the operation of the 3 V DAM-PE interface where it differs from ETS 300 331 [1]. For all aspects of the DAM-PE interface which are not covered by this ETS, ETS 300 331 [1] applies. This ETS is based upon ETS 300 641 [2] which specifies the same requirements for the 3 Volt Subscriber Identity Module (SIM).

2 Normative references

This ETS incorporates by dated and non-dated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For non-dated references the latest edition of the publication referred to applies.

- [1] ETS 300 331: "Digital European Cordless Telecommunications (DECT); DECT Authentication Module (DAM)".
- [2] ETS 300 641: "Digital cellular telecommunications system (Phase 2); Specification of the 3 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.12)".

3 Definitions, abbreviations and symbols

3.1 Definitions

For the purposes of this ETS, the following definitions apply:

3 V technology DAM: A DAM operating at $3\text{ V} \pm 10\%$ and $5\text{ V} \pm 10\%$.

3 V technology PE: A PE operating the DAM-PE interface at $3\text{ V} \pm 10\%$ according to this ETS and $5\text{ V} \pm 10\%$ according to ETS 300 331 [1].

3 V only PE: A PE only operating the DAM-PE interface at $3\text{ V} \pm 10\%$ according to this ETS.

3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

ATR	Answer To Reset
CLK	Clock
DAM	DECT Authentication Module
DECT	Digital Enhanced Cordless Telecommunications
GSM	Global System for Mobile communications
IC	Integrated Circuit
I/O	Input/Output
ME	Mobile Equipment
PE	Portable Equipment
PP	Portable Part
RST	Reset
SIM	Subscriber Identity Module