

**Detail specification: Rectangular
connectors - Flat contacts, 0, 8 mm
thickness, locking screw not detachable**

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 175301-803:2006 sisaldab Euroopa standardi EN 175301-803:2006 ingliskeelset teksti. Käesolev dokument on jõustatud 20.10.2006 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN 175301-803:2006 consists of the English text of the European standard EN 175301-803:2006. This document is endorsed on 20.10.2006 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.
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Käsitlusala: Detail specification for rectangular connectors, flat contacts, 0,8 mm thickness, locking screw not detachable.	Scope: Detail specification for rectangular connectors, flat contacts, 0,8 mm thickness, locking screw not detachable.
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ICS 31.220.10

Võtmesõnad: electronic equ, flat contacts, hardware, latches, locking screws, marking, plugs, quality requirements, rectangular, rectangular shape, screw terminal, soldered connection, specification (approval), specifications, structures, testing, thickness, types

English version

**Detail Specification: Rectangular connectors -
Flat contacts, 0,8 mm thickness, locking screw not detachable**

Spécification particulière:
Connecteurs rectangulaires -
Contacts plats, épaisseur de 0,8 mm,
vis d'arrêt non détachable

Bauartspezifikation:
Rechteckige Steckverbinder -
Flachkontakte mit 0,8 mm Dicke,
unverlierbare Verriegelungsschraube

This European Standard was approved by CENELEC on 2005-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by the CENELEC BTWG 117-1, Revision of EN 175301-801:1999 and EN 175301-803:1999. The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 175301-803 on 2005-10-01.

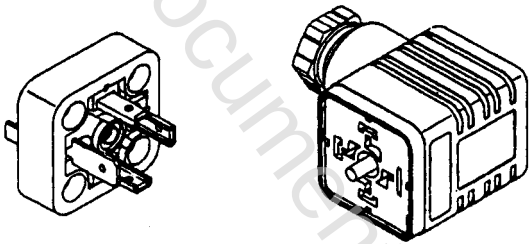
This European Standard supersedes EN 175301-803:1999.

The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2007-03-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2008-10-01 |
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see Clause 5 for dimensions 	Detail specification for rectangular connectors, flat contacts, 0,8 mm thickness, locking screw not detachable. 2 or 3 contacts + protective earth (PE) contact Termination: Screw, solder Assessment levels: B and G (*)

Climatic category: see 6.1

Electrical characteristics: see 6.2

Mechanical characteristics: see 6.3

Ordering information: see clause 9

(*) see clauses 7 and 8

Information about manufacturer who have components qualified to this detail specification is available in the current CECC 00 200: (Register of Firms, Products and Services Approved under the CECC System).

1 General information

This standard covers a range of rectangular connectors with flat contacts, 0,8 mm thickness, locking screw not detachable, intended for use in industrial installations for connection or termination of sub-assemblies or components in electrical equipment in measuring, regulating and control circuits, in equipment for power supply, in fluid and air power system and components and other electronic devices employing similar techniques.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 2591	1992	Aerospace series – Elements of electrical and optical connection – Test methods – General
EN 60068-1	1994	Environmental testing – Part 1: General and guidance (IEC 60068-1:1988 + corrigendum October 1988 + A1:1992)
EN 60512	Series	Connectors for electronic equipment – Test and measurements (IEC 60512 series)

EN 60529	1991	Degrees of protection provided by enclosures (IP Code) (IEC 60529:1989)
EN 60664-1	2003	Insulation co-ordination for equipment within low-voltage systems – Part 1: Principles, requirements and tests (IEC 60664-1:1992 + A1:2000 + A2:2002)
EN 60999-1	2000	Connecting devices - Electrical copper conductors – Safety requirements for screw-type and screwless-type clamping units – Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm ² up to 35 mm ² (included) (IEC 60999-1:1999)
EN 61076-1	1995	Connectors with assessed quality, for use in d.c., low frequency analogue and in digital high-speed data applications – Part 1: Generic specification - Capability approval (IEC 61076-1:1995)
EN 61076-3	2000	Connectors for use in d.c., low-frequency analogue and digital high-speed data applications – Part 3: Rectangular connectors with assessed quality - Sectional specification (IEC 61076-3:1999)
EN 175300	1996	Sectional Specification: Rectangular connectors for frequencies below 3 MHz
EN ISO 1043-1	2001	Plastics – Symbols and abbreviated terms – Part 1: Basic polymers and their special characteristics (ISO 1043-1:2001)
EN ISO 1043-2	2001	Plastics – Symbols and abbreviated terms – Part 2: Fillers and reinforcing materials (ISO 1043-2:2000)
EN ISO 6743-4	2001	Lubricants, industrial oils and related products (class L) – Classification – Part 4: Family H (Hydraulic systems) (ISO 6743-4:1999)
IEC 60410	1973	Sampling plans and procedures for inspections by attributes
IEC 60417	Database	Graphical symbols for use on equipment
IEC 60760 A1	1989 1993	Flat, quick-connect terminations