SWEDISH STANDARDS INSTITUTE

SVENSK STANDARD
SS-EN 13763-24

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Utgåva 1

Explosiva varor för civilt bruk – Sprängkapslar och överföringsenheter –
Del 24: Bestämning av signalledares ledningsförmåga

Explosives for civil uses – Detonators and relays –
Part 24: Determination of the electrical non-conductivity of shock tube

ICS 71.100.30
Språk: engelska
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The European Standard EN 13763-24:2002 has the status of a Swedish Standard. This document contains the official English version of EN 13763-24:2002.

Dokumentet består av 11 sidor.

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EUROPEAN STANDARD

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English version

Explosives for civil uses - Detonators and relays - Part 24: Determination of the electrical non-conductivity of shock tube

Explosifs à usage civil - Détonateurs et relais - Partie 24: Détermination de la non-conductivité électrique du tube à transmission d'ondes de choc

Explosivestoffe für zivile Zwecke - Zünder und Verzögerungselemente - Teil 24: Bestimmung der elektrischen Nichtleitfähigkeit von Zündschläuchen

This European Standard was approved by CEN on 1 August 2002.

CEN 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 Management Centre or to any CEN 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 CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 13763-24:2002) has been prepared by Technical Committee CEN/TC 321 "Explosives for civil uses", the secretariat of which is held by AENOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2003, and conflicting national standards shall be withdrawn at the latest by March 2003.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s), see informative annex ZA, which is an integral part of this standard.

This European Standard is one of a series of standards with the generic title *Explosives for civil uses – Detonators and relays.* The other parts of this series are listed below:

prEN 13763-1 *Part 1: Requirements.*

EN 13763-2 *Part 2: Determination of thermal stability.*

EN 13763-3 *Part 3: Determination of sensitiveness to impact.*

prEN 13763-4 *Part 4: Determination of resistance to abrasion of leading wires and shock tubes.*

prEN 13763-5 *Part 5: Determination of resistance to cutting damage of leading wires and shock tubes.*

prEN 13763-6 *Part 6: Determination of resistance to cracking in low temperatures of leading wires.*

prEN 13763-7 *Part 7: Determination of the mechanical strength of leading wires, shock tubes, connections, crimps and closures.*

prEN 13763-8 *Part 8: Determination of resistance to vibration of plain detonators.*

prEN 13763-9 *Part 9: Determination of resistance to bending of detonators.*

prEN 13763-10 *Part 10: Determination of resistance to torsion of sealing plugs.*

prEN 13763-11 *Part 11:Determination of drop resistance of detonators and relays.*

prEN 13763-12 *Part 12: Determination of resistance to hydrostatic pressure.*

prEN 13763-13 *Part 13: Determination of resistance of electric detonator to electrostatic discharge.*

prEN 13763-14 *Part 14: Determination of resistance of electric detonator to the influence of radio frequency radiation.*

prEN 13763-15 *Part 15: Determination of equivalent initiating capability.*

prEN 13763-16 *Part 16: Determination of delay accuracy.*

prEN 13763-17 *Part 17: Determination of no-fire current of electric detonators.*

prEN 13763-18 *Part 18: Determination of series firing current of electric detonators.*

prEN 13763-19 *Part 19: Determination of firing pulse of electric detonators.*

prEN 13763-20 *Part 20: Determination of total resistance of electric detonators.*

prEN 13763-21 *Part 21: Determination of flash-over voltage of electric detonators.*

prEN 13763-22 *Part 22: Determination of capacitance, insulation resistance and insulation breakdown of leading wires.*

EN 13763-23 *Part 23: Determination of the shock-wave velocity of shock tube.*

prEN 13763-25 *Part 25: Determination of transfer capacity of relay and coupling accessories.*

prEN 13763-26 *Part 26: Definitions, methods and requirements for devices and accessories for reliable and safe function of detonators and relays.*

prCEN/TS 13763-27 *Part 27: Definitions, methods and requirements for electronic initiation system.*

Annex A is informative.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.