

TECHNICAL REPORT

**CLC/TR 50469**

RAPPORT TECHNIQUE

TECHNISCHER BERICHT

November 2005

ICS 01.080.50; 91.120.40

English version

## **Lightning protection systems – Symbols**

Systèmes de protection contre la foudre –  
Symboles

Blitzschutzsysteme –  
Bildzeichen

This Technical Report was approved by CENELEC on 2005-10-01.

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# **CENELEC**

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

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## Foreword

This Technical Report was prepared by the Technical Committee CENELEC TC 81X, Lightning protection.

The text of the draft was submitted to the vote and was approved by CENELEC as CLC/TR 50469 on 2005-10-01.

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## Introduction

This Technical Report specifies symbols for use in drawings for lightning protection systems

If necessary, additional symbols may be used for other important elements of the object to be protected. These symbols should be simple and they have to be explained in a legend in the LPS design drawings.

In case of an isolated protection system (see IEC 62305-1 and IEC 62305-3) this has to be stated in the LPS design drawings including required separation distances.

In case of preparing a coloured kind of drawing, the colours should be used as follows:

- building                      black,
- lightning protection      red,
- metal sheets                green,
- metal structure            blue.