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(JSAE)

**Road vehicles—Electrical/electronic  
switching devices—Shapes, dimensions,  
functional allocation and arrangement of  
terminals**

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Society of Automotive Engineers of Japan (JSAE) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS D 5011 : 1992** is replaced with this Standard.

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# Road vehicles—Electrical/electronic switching devices— Shapes, dimensions, functional allocation and arrangement of terminals

## Introduction

This Japanese Industrial Standard has been prepared based on the first editions of ISO 7588-1 and ISO 7588-3, which were published in 1998 and have been confirmed as a result of the regular review in 2008, for the corresponding parts related to shapes, dimensions, functional allocation and arrangement of terminals without modifying the technical contents, except for the specification regarding flashers given in ISO 7588-1 which is not associated with this Standard and therefore deleted. However, two items, namely classification and symbols, which are not stated in the corresponding International Standard, have been added to this JIS as original Japanese Industrial Standard specifications.

The portions with continuous sidelines or dotted underlines are the matters not included in the corresponding International Standards, or the matters in which the contents of the corresponding International Standards have been modified. A list of modifications with explanations is given in Annex JA.

## 1 Scope

This Standard specifies the shapes, dimensions, functional allocation and arrangement of the plug-fit socket type electronic switching devices (hereafter referred to as the "relays") to be used in road vehicles.

NOTE : The International Standards corresponding to this Standard and the symbol of degree of correspondence are as follows:

ISO 7588-1:1998 *Road vehicles—Electrical/electronic switching devices—Part 1: Relays and flashers*

ISO 7588-3:1998 *Road vehicles—Electrical/electronic switching devices—Part 3: Microrelays* (Overall evaluation: MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standards and JIS are IDT (identical), MOD (modified), and NEQ (not equivalent) according to ISO/IEC Guide 21-1.

## 2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. For standard indicated below, only the edition of the indicated year shall be applied and any revisions (including amendments) made thereafter shall not be applied.