



# MALAYSIAN STANDARD

MS IEC 62793:2020

**Thunderstorm warning systems – Protection  
against lightning  
(IEC 62793:2020, IDT )  
(Published by Department of Standards Malaysia  
in 2024)**

**ICS: 29.020; 91.120.40**

Descriptors: lightning, thunderstorm, warning system

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**DEPARTMENT OF STANDARDS MALAYSIA**

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## Committee representation

The National Standards Committee on Generation, Transmission and Distribution of Energy (NSC 05) under whose authority this Malaysian Standard was developed, comprises representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Department of Standards Malaysia (Secretariat)  
Federation of Malaysian Manufacturers  
Federation of Malaysian Consumers Association  
Jabatan Kerja Raya  
Malaysian Cable Manufacturers Association  
Malaysian Communications and Multimedia Commission  
Malaysian Electrical Appliances and Distributors Association  
Malaysian Green Technology Corporation  
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SIRIM QAS International Sdn Bhd  
Suruhanjaya Tenaga  
Sustainable Energy Development Authority Malaysia  
Tenaga Nasional Berhad  
The Electrical and Electronics Association of Malaysia  
The Institution of Engineers, Malaysia  
Universiti Malaya  
Universiti Teknologi Malaysia

The Technical Committee on Lightning Protection (NSC 05/TC 13) which recommended the adoption of the IEC Standard as Malaysian Standard consists of representatives from the following organisations:

Association of Consulting Engineers Malaysia  
Grandtop High Voltage Technology Sdn Bhd  
Jabatan Kerja Raya Malaysia  
Petronas Group Technical Solutions  
SIRIM QAS International Sdn Bhd  
Suruhanjaya Tenaga  
The Electrical and Electronics Association of Malaysia  
The Institution of Engineers, Malaysia  
TNB Research Sdn Bhd  
Universiti Putra Malaysia  
Universiti Teknologi Malaysia  
Universiti Tenaga Nasional

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## National foreword

The adoption of the IEC Standard as a Malaysian Standard was recommended by the The Technical Committee on Lightning Protection (NSC 05/TC 13) under the authority of The National Standards Committee on Generation, Transmission and Distribution of Energy (NSC 05)

This Malaysian Standard is identical with IEC 62793:2020, *Thunderstorm warning systems – Protection against lightning*, published by the International Electrotechnical Commission (IEC). However, for the purposes of this Malaysian Standard, the following apply:

- a) in the source text, "this International Standard " should read "this Malaysian Standard";
- b) the comma which is used as a decimal sign (if any), to read as a point;
- c) the basis IEC 62793 is printed in English and French. However, only the English version is retained in this Malaysian Standard; and
- d) reference to International Standards should be replaced by corresponding Malaysian Standards as follows:

<u>Referenced International Standards</u>	<u>Corresponding Malaysian Standards</u>
IEC 60529, <i>Degrees of protection provided by enclosures (IP Code)</i>	MS IEC 60529:2013, <i>Degrees of Protection provided by Enclosures (IP Code)</i>

Compliance with a Malaysian Standard does not of itself confer immunity from legal obligations.

NOTE. IDT on the front cover indicates an identical standard i.e. a standard where the technical content, structure, and wording (or is an identical translation) of a Malaysian Standard is exactly the same as in an International Standard or is identical in technical content and structure although it may contain the minimal editorial changes specified in clause 4.2 of ISO/IEC Guide 21-1.