

**BUREAU OF INDIAN STANDARDS**  
**DRAFT FOR COMMENTS ONLY**

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*Draft Indian Standard*

**Adjustable speed electrical power drive systems – Part 7-202: Generic interface and use of profiles for power drive systems – Profile type 2 specification**

(ICS 29.200; 35.100.05)

Power Electronics Sectional  
Committee, ETD 31

Last date for comments-06/09/2024

NATIONAL FOREWORD

This Draft Indian Standard which is identical with IEC 61800-7-202:2015 ‘Adjustable speed electrical power drive systems – Part 7-202: Generic interface and use of profiles for power drive systems – Profile type 2 specification’ Issued By The International Electrotechnical Commission (IEC) is proposed to be adopted by the Bureau of Indian Standards on the recommendation of the Power Electronics Sectional Committee and approval of the Electrotechnical Division Council.

The text of the IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appears referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker, while in Indian Standards the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60204-1, Safety of machinery – Electrical equipment of machines – Part 1: General requirements	IS 16504 (Part 1) : 2019 / IEC 60204-1 : 2016 Safety of Machinery – Electrical Equipment of Machines Part 1 General Requirements ( <i>First Revision</i> )	Identical

The technical committee has reviewed the provision of the following International Standard referred in this adopted standard and has decided that it is acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
IEC 61158-4-2:2014	Industrial communication networks – Fieldbus specifications – Part 4-2: Data-link layer protocol specification – Type 2 elements
IEC 61158-5-2:2014	Industrial communication networks – Fieldbus specifications – Part 5-2: Application layer service definition – Type 2 elements
IEC 61158-6-2:2014	Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements
IEC 61588:2009	Precision clock synchronization protocol for networked measurement and control systems
IEC 61800-7-1:2015	Adjustable speed electrical power drive systems – Part 7-1: Generic interface and use of profiles for power drive systems – Interface definitio
IEEE Std 112-2004	IEEE Standard Test Procedure for Polyphase Induction Motors and Generators

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test, shall be rounded off in accordance with IS 2: 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE — The technical content of their document has not been enclosed as there are identical with the corresponding IEC standards for details, please refer the corresponding IEC 61800-7-202:2015‘or kindly contact:

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