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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 34130.21-2017

**Power-track systems -- Part 21: Particular requirements for
power-track systems intended for wall and ceiling mounting
(English Translation)**

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Foreword

GB/T 34130 Powertrack Systems consists of the following parts.

--- Part 1. General Requirements;

--- Part 21. Particular Requirements for Powertrack Systems Intended for Wall and Ceiling Mounting;

--- Part 22. Particular Requirements for Powertrack Systems Intended for on Floor

and under Floor Installation.

This Part belongs to Part 21 of GB/T 34130.

This Part was drafted as per the rules specified in GB/T 1.1-2009.

This Part adopts the re-drafting method to modify and use IEC 61534-21.2014
Powertrack Systems - Part 21. Particular Requirements for Powertrack Systems
Intended for Wall and Ceiling Mounting.

The technical differences and causes between this Part and IEC 61534-21.2014 are
as follows.

--- For the Normative References, this part has made adjustment against the
technical differences, so that adapt to the technical conditions of China; the
adjustment is mainly reflected in the Clause 2 "Normative References"; the
specific adjustments are as follows.

lambda Use GB/T 34130.21-2017 Powertrack Systems - Part 1. General
Requirements (IEC 61534-1.2014, MOD) to replace IEC 61534-1.2011.

This Part has made the following editorial changes.

--- Delete the notes in the IEC 61534-21.2014 that apply to other countries and
regions; such as Note to 14.2.102;

--- Since China has not adopted the standard of IEC 61534-21.2006, delete Annex
AA "Additional Test Requirements for PT Systems already Complying with IEC
61534-21.2006".

This Part was proposed by China Electrical Equipment Industrial Association.

This Part shall be under the jurisdiction of National Technical Committee for
Standardization of Electrical Accessories (SAC/TC 67).

Drafting organizations of this Part. China National Electric Apparatus Research
Powertrack Systems - Part 21. Particular
Requirements for Powertrack Systems
Intended for Wall and Ceiling Mounting

1 Scope

This Clause of GB/T 34130.1-2017 is applicable after the following modification.

1.1 This sub-clause of GB/T 34130.1-2017 is modified as.

This Part of GB/T 34130 specifies the particular requirements and tests for powertrack systems (PT systems) intended for mounting on walls and/or ceiling.

This Part is applicable to the PT systems intended for mounting on walls and ceilings.

They may be installed flush or semi-flush, surface mounted, suspended or spaced away from the surface using fixing devices.

2 Normative References

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) are applicable to this document.

Clause 2 of GB/T 34130.1-2017 Powertrack Systems - Part 1. General Requirements (IEC 61534-1.2014, MOD) is applicable.

3 Terms and Definitions

For the purposes of this document, the terms and definitions given in GB/T 34130.1-

3.101 Wall PT system

PT system which is suitable for mounting on a vertical surface or a vertical structure directly or with the use of fixing devices.

3.102 Ceiling PT system

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