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**Railway applications - Traction power supply system AC 25kV
co-phase power supply device**

轨道交通 牵引供电系统交流25kV同相供电装置

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Rail transit traction power supply system AC 25kV Same phase power supply device

1 Scope

This document specifies the use conditions, general requirements, technical requirements, Test methods, inspection rules, marking, as well as packaging, transportation and storage.

This document is applicable to the same-phase power supply device used in the traction substation in the AC25kV traction power supply system of urban rail transit.

2 Normative references

GB/T 1094.4-2005

GB/T 2423.1-2008

GB/T 2423.2-2008

GB/T 2423.3-2016

GB/T 3768-2017

GB/T 3859.1-2013

GB/T 13384

GB/T 13422-2013

GB/T 15543

GB/T 16927.1

GB/T 20626.1-2017

GB/T 20645-2021

GB/T 24338.6-2018

GB/T 25387.2-2021

GB/T 32350.1-2015

GB/T 32593-2016

GB 50150

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 co-phase power supply

Adjacent traction network power supply arms are powered by the same phase voltage.

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