INTERNATIONAL STANDARD

ISO 21498-1

First edition
2021-01

Electrically propelled road vehicles — Electrical specifications and tests for voltage class B systems and components —

Part 1: Voltage sub-classes and characteristics

Véhicules à propulsion electrique — Spécifications et essais electriques pour les systèmes et composants de classe B —

Partie 1: Caractéristiques et sous classe de tension

Reference number
ISO 21498-1:2021(E)

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 37, *Electrically propelled vehicles*.

This first edition cancels and replaces ISO/PAS 19295:2016, which has been technically revised.

The main changes compared to the previous edition are as follows:

— a normative reference clause has been added,

— the terms and definitions clause has been revised,

— a requirement has been added to the component operating status (see 7.2),

— a requirement has been added to load dump (see 7.6.3),

— Figures 4-7 and Table 3 were removed.

A list of all parts in the ISO 21498 series can be found on the ISO website.

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