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**Road vehicles — Diagnostic  
communication over Controller Area  
Network (DoCAN) —**

**Part 4:  
Requirements for emissions-related  
systems**

**iTeH Standards**

*Véhicules routiers — Diagnostic sur gestionnaire de réseau de  
communication (DoCAN) —*  
*Partie 4: Exigences applicables aux systèmes associés aux émissions*  
**Document Preview**

[ISO 15765-4:2021](#)

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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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

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For an explanation of the voluntary nature of standards, 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](http://www.iso.org/iso/foreword.html).

This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 31, *Data communication*.

## Document Preview

This fourth edition cancels and replaces the third edition (ISO 15765-4:2016), which has been technically revised.

[ISO 15765-4:2021](http://www.iso.org/iso/15765-4:2021)

<https://standards.iteh.ai/cstdoc/standards/iso/15765-4:2021/6-700426-26-1-15-5-9298-15a1ef5918a0/iso-15765-4-2021>

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

- changed all time-related parameters to  $t_{\text{Parameter\_Name}}$ ;
- corrected all occurrences of  $\neg\ni P2_{\text{CAN\_max}}$  and changed to  $\Delta t_{P2_{\text{CAN\_Client\_Max}}}$ ;
- [Clause 6](#) title has been changed to application;
- [subclause 6.1](#) title has been changed to vehicle communication initialisation sequence;
- [subclause 6.2](#) title has been changed to external test equipment communication initialisation sequence;
- changed N\_As to  $t_{N_{\text{As}}}$  and changed timeout value to 33 ms;
- changed N\_Ar to  $t_{N_{\text{Ar}}}$  and changed timeout value to 33 ms;
- added clarification in [10.3.3](#) regarding the acceptance of physically addressed request messages.

A list of all parts in the ISO 15765 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html).