

Third edition  
2019-04

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## Road vehicles — Multi-core connecting cables —

### Part 3: Construction, dimensions and marking of unscreened sheathed low- voltage cables

*Véhicules routiers — Câbles de raccordement multiconducteurs —  
Partie 3: Construction, dimensions et marquage des câbles basse  
tension gainés non blindés*



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ISO copyright office  
CP 401 • Ch. de Blandonnet 8  
CH-1214 Vernier, Geneva  
Phone: +41 22 749 01 11  
Fax: +41 22 749 09 47  
Email: [copyright@iso.org](mailto:copyright@iso.org)  
Website: [www.iso.org](http://www.iso.org)

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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)).

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This document was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 32, *Electrical and electronic components and general system aspects*.

This third edition cancels and replaces the second edition (ISO 4141-3:2006), which has been technically revised. The main changes compared to the previous edition are as follows:

- temperature range of cable defined as Class A and Class B have been added;
- normative references ISO 11446-1 and ISO 11446-2 (replacing ISO 11446), and ISO 25981 were added;
- reference to ISO 25981 was added to [5.1.1](#);
- the minimum diameter according to ISO 12098 was changed from 14 to 13 in [Table 1](#);
- in [5.3](#) the definitions of  $L_B$ ,  $L_W$  (was  $L_A$ ) and  $L_{E\max}$  (was  $L_{A\max}$ ) were added;
- in [Table 2](#), Type 3  $L_W$  changed;
- [Figure 2](#) was added;
- reference to ISO 25981 was added to [Table 3](#);
- reference to ISO 25981 was added to [Table A.1](#).

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