
**Industrial automation systems and
integration — Product data representation
and exchange —**

Part 214:

**Application protocol: Core data for
automotive mechanical design processes**

*Systèmes d'automatisation industrielle et intégration — Représentation et
échange de données de produits —*

*Partie 214: Protocole d'application: Données de base pour la construction
automobile*

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75% of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 10303 may be subject of patent rights. ISO shall not be held responsible for any or all such patent rights.

International Standard ISO 10303-214 was prepared by Technical Committee ISO/TC 184/SC4, *Industrial automation systems and integration*, Subcommittee SC4, *Industrial data*.

This International Standard is organized as a series of parts, each published separately. The parts of ISO 10303 fall into one of the following series: description methods, integrated resources, application interpreted constructs, application protocols, abstract test suites, implementation methods, and conformance testing. The series are described in ISO 10303-1.

A complete list of parts of ISO 10303 is available from the internet:

<<http://www.nist.gov/sc4/editing/step/titles>>

The structure of this International Standard is described in ISO 10303-1. The numbering of the parts of this International Standard reflects its structure:

- Parts 11 to 14 specify the description methods,
- Parts 21 to 29 specify the implementation methods,
- Parts 31 to 35 specify the conformance testing methodology and framework,
- Parts 41 to 50 specify the integrated generic resources,
- Parts 101 to 108 specify the integrated application resources,
- Parts 201 to 236 specify the application protocols,
- Parts 301 to 336 specify the abstract test suites,