
**Information technology — Automatic
identification and data capture
techniques — Syntax for high-capacity
ADC media**

*Technologies de l'information — Techniques automatiques
d'identification et de capture des données — Syntaxe pour supports
de CAD à haute capacité*





COPYRIGHT PROTECTED DOCUMENT

© ISO/IEC 2019

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Documentation notation conventions	2
5 Message format	2
5.1 General.....	2
5.2 Message envelope.....	3
5.2.1 General.....	3
5.2.2 Message header.....	3
5.2.3 Message trailer.....	4
5.3 Format envelope.....	4
5.3.1 General.....	4
5.3.2 Format header.....	4
5.3.3 Format header “00” - Reserved format.....	6
5.3.4 Format Header “01” — Transportation.....	6
5.3.5 Format Header “02” — Complete EDI message / transaction.....	6
5.3.6 Format header “03” — Structured data using ASC X12 segments.....	6
5.3.7 Format header “04” — Structured data using UN/EDIFACT segments.....	7
5.3.8 Format header “05” — Data using GS1 application identifiers.....	7
5.3.9 Format header “06” — Data using ASC MH 10 data identifiers.....	7
5.3.10 Format header “07” — Free form text data.....	7
5.3.11 Format header “08” — Structured data using CII syntax rules.....	7
5.3.12 Format Header “09” — Binary data.....	7
5.3.13 Format header (“10”-“11”) — Reserved formats.....	8
5.3.14 Format header “12” — Data using text element identifiers.....	8
5.3.15 Format header (“13”-“99”) — Reserved formats.....	8
5.3.16 Format trailer.....	8
5.4 Data format.....	8
5.4.1 General.....	8
5.4.2 Format “00” (Reserved).....	9
5.4.3 Format “01” carrier sortation and tracking (transportation).....	9
5.4.4 Format “02” (Complete EDI message / transaction).....	11
5.4.5 Format “03” (Structured data using ASC X12 segments).....	12
5.4.6 Format “04” (Structured data using UN/EDIFACT segments).....	12
5.4.7 Format “05” (Using GS1 application identifiers).....	12
5.4.8 Format “06” (Using ASC MH 10 data identifiers).....	12
5.4.9 Format “07” (Free form text format).....	12
5.4.10 Format “08” (Structured data using CII syntax rules).....	12
5.4.11 Format “09” (Binary data).....	13
5.4.12 Format “10”-“11” (Reserved).....	13
5.4.13 Format “12” (Using text element identifiers).....	13
5.4.14 Format “13” (Blocked).....	13
5.4.15 Format “14”-“99” (Reserved).....	13
6 Human readable representation	14
Annex A (normative) Subset of ISO/IEC 646 (table of hexadecimal and decimal values)	15
Bibliography	17