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Ersatz für
DIN CEN/TS 16931-3-3
(DIN SPEC 16578-3-3):2019-01

Elektronische Rechnungsstellung – Teil 3-3: Umsetzung in die Syntax UN/CEFACT XML Cross Industry Invoice D16B; Deutsche Fassung CEN/TS 16931-3-3:2020

Electronic invoicing –
Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B;
German version CEN/TS 16931-3-3:2020

Facturation électronique –
Partie 3-3: Liaison de syntaxe pour UN/CEFACT XML Facture industrielle D16B;
Version allemande CEN/TS 16931-3-3:2020

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Nationales Vorwort

Dieses Dokument (CEN/TS 16931-3-3:2020) wurde vom Technischen Komitee CEN/TC 434 „Elektronische Rechnungsstellung“, dessen Sekretariat von NEN (Niederlande) gehalten wird, unter Beteiligung deutscher Experten erarbeitet.

Das zuständige deutsche Normungsgremium ist der Arbeitsausschuss NA 043-03-03 AA „Elektronisches Geschäftswesen“ im DIN-Normenausschuss Informationstechnik und Anwendungen (NIA).

Dieses Dokument ersetzt DIN CEN/TS 16931-3-3 (DIN SPEC 16578-3-3):2019-01.

Grundlage der Arbeiten im CEN/TC 434 war der von der EU-Kommission an CEN erteilte Normungsauftrag M/528 „Standardisation request to the European standardisation organisations as regards a European standard on electronic invoicing and a set of ancillary standardisation deliverables pursuant to Regulation (EU) No 1025/2012 of the European Parliament and of the Council”, welches zur Umsetzung der entsprechenden Richtlinie 2014/55/EU des Europäischen Parlaments und des Rates vom 16. April 2014 über die elektronische Rechnungsstellung bei öffentlichen Aufträgen angesetzt wurde.

Im Rahmen des o. g. Normungsauftrags M/528 unter dem allgemeinen Titel Elektronische Rechnungsstellung sind neben dem vorliegenden Dokument die folgenden Normen, Technischen Spezifikationen (TS) und Technischen Reports (TR) veröffentlicht worden:

— EN 16931-1:2020, *Elektronische Rechnungsstellung — Teil 1: Semantisches Datenmodell der Kernelemente einer elektronischen Rechnung*

— CEN/TS 16931-2:2017, *Elektronische Rechnungsstellung — Teil 2: Liste der Syntaxen, die EN 16931-1 erfüllen*

— CEN/TS 16931-3-1:2017, *Elektronische Rechnungsstellung — Teil 3-1: Methodologie für die Umsetzung der Kernelemente einer elektronischen Rechnung in eine Syntax*

— CEN/TS 16931-3-2:2020, *Elektronische Rechnungsstellung — Teil 3-2: Umsetzung in die Syntax ISO/IEC 19845 (UBL 2.1) Rechnung und Gutschrift*

— CEN/TS 16931-3-4:2020, *Elektronische Rechnungsstellung — Teil 3-4: Umsetzung in die Syntax UN/EDIFACT INVOIC D16B*

— CEN/TR 16931-4:2017, *Elektronische Rechnungsstellung — Teil 4: Leitfaden über die Interoperabilität elektronischer Rechnungen auf der Übertragungsebene*

— CEN/TR 16931-5:2017, *Elektronische Rechnungsstellung — Teil 5: Leitfaden über die Verwendung von branchen- oder länderspezifischen Erweiterungen der EN 16931-1 einschließlich einer im realen Umfeld einzusetzenden Methodik*

— CEN/TR 16931-6:2017 *Elektronische Rechnungsstellung — Teil 6: Ergebnis der Prüfung von EN 16931-1 auf ihre praktische Anwendbarkeit durch einen Endnutzer*

— CEN/TS 16931-7:2020, *Elektronische Rechnungsstellung — Teil 7: Methode zur Entwicklung und Anwendung einer Anwendungsspezifikation der Kernrechnung nach EN 16931-1*

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Erfahrungen mit dieser Technischen Spezifikation sind erbeten:

— vorzugsweise als Datei per E-Mail an nia@din.de in Form einer Tabelle. Die Vorlage dieser Tabelle kann im Internet unter www.din.de/go/stellungnahmen-norm-entwuerfe abgerufen werden;

— oder in Papierform an den Normenausschuss Informationstechnik und Anwendungen (NIA) im DIN, 10772 Berlin (Hausanschrift: Saatwinkler Damm 42/43, 13627 Berlin).

Der Inhalt der in diesem Dokument enthaltenen Tabellen, Syntaxen und Beispiele wurde nicht ins Deutsche übersetzt, um die Einheitlichkeit der Datenfelder und Auszeichnungen zu gewährleisten und Fehlanwendungen auszuschließen.

Für die in diesem Dokument zitierten Dokumente wird im Folgenden auf die entsprechenden deutschen Dokumente hingewiesen:

ISO 3166-1	siehe	DIN EN ISO 3166-1
ISO 15000-5	siehe	DIN ISO 15000-5

Aktuelle Informationen zu diesem Dokument können über die Internetseiten von DIN (www.din.de) durch eine Suche nach der Dokumentennummer aufgerufen werden.

Änderungen

Gegenüber DIN CEN/TS 16931-3-3 (DIN SPEC 16578-3-3):2019-01 wurden folgende Änderungen vorgenommen:

a) Anhang A (normativ) hinzugefügt. Dort werden die zu verwendenden Codelisten definiert;

b) die Norm wurde redaktionell überarbeitet.

Frühere Ausgaben

DIN CEN/TS 16931-3-3 (DIN SPEC 16578-3-3): 2019-01

Documents
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Nationaler Anhang NA
(informativ)

Literaturhinweise

DIN EN ISO 3166-1, *Codes für die Namen von Ländern und deren Untereinheiten — Teil 1: Codes für Ländernamen*

DIN ISO 15000-5, *Erweiterbare Auszeichnungssprache für das elektronische Geschäftswesen (ebXML) — Teil 5: Spezifikation der Kernkomponenten (CCS)*

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TECHNISCHE SPEZIFIKATION

TECHNICAL SPECIFICATION

SPÉCIFICATION TECHNIQUE

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Elektronische Rechnungsstellung — Teil 3-3: Umsetzung in die Syntax UN/CEFACT XML Cross Industry Invoice D16B

Electronic invoicing — Part 3-3: Syntax binding for UN/CEFACT XML Industry Invoice D16B

Facturation électronique — Partie 3-3: Liaison de syntaxe pour UN/CEFACT XML Facture industrielle D16B

Diese Technische Spezifikation (CEN/TS) wurde vom CEN am 11. November 2019 als eine künftige Norm zur vorläufigen Anwendung angenommen.

Die Gültigkeitsdauer dieser CEN/TS ist zunächst auf drei Jahre begrenzt. Nach zwei Jahren werden die Mitglieder des CEN gebeten, ihre Stellungnahmen abzugeben, insbesondere über die Frage, ob die CEN/TS in eine Europäische Norm umgewandelt werden kann.

Die CEN Mitglieder sind verpflichtet, das Vorhandensein dieser CEN/TS in der gleichen Weise wie bei einer EN anzukündigen und die CEN/TS verfügbar zu machen. Es ist zulässig, entgegenstehende nationale Normen bis zur Entscheidung über eine mögliche Umwandlung der CEN/TS in eine EN (parallel zur CEN/TS) beizubehalten.

CEN-Mitglieder sind die nationalen Normungsinstitute von Belgien, Bulgarien, Dänemark, Deutschland, Estland, Finnland, Frankreich, Griechenland, Irland, Island, Italien, Kroatien, Lettland, Litauen, Luxemburg, Malta, den Niederlanden, Norwegen, Österreich, Polen, Portugal, der Republik Nordmazedonien, Rumänien, Schweden, der Schweiz, Serbien, der Slowakei, Slowenien, Spanien, der Tschechischen Republik, der Türkei, Ungarn, dem Vereinigten Königreich und Zypern.

EUROPÄISCHES KOMITEE FÜR NORMUNG
EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION

CEN-CENELEC Management-Zentrum: Rue de la Science 23, B-1040 Brüssel

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

Inhalt

Seite

Europäisches Vorwort 4

Einleitung 5

1 Anwendungsbereich 6

2 Normative Verweisungen 6

3 Begriffe 6

4 Umsetzung in die Syntax UN/CEFACT XML Cross Industry Invoice D16B 7
4.1 Einleitung 7
4.2 Datentypen 9
4.3 Codes und Kennungen (en: Codes and identifiers) 9
4.4 Mapping des Rechnungsmodells (en: Mapping the Invoice model) 9
4.5 Validierungsartefakte (en: Validation artefacts) 101

5 Inkongruenzen (en: Mismatches) 101
5.1 Semantische Ebene (en: Semantic level) 101
5.2 Strukturelle Ebene (en: Structural level) 101
5.3 Kardinalitätsebene (en: Cardinality level) 101

Anhang A (normativ) Codelisten 102
A.1 Einleitung 102
A.2 Codelisten 102
A.2.1 ISO 3166-1 — Country Codes 102
A.2.2 ISO 4217 — Currency codes 102
A.2.3 ISO/IEC 6523 — Identifier scheme code 103
A.2.4 UNTDID 1001 — Document type 103
A.2.5 UNTDID 1153 — Reference code qualifier 105
A.2.6 VAT Identifier 105
A.2.7 VAT Category code 106
A.2.8 UNTDID 2005/ UNTDID 2475 — Event time code 106
A.2.9 UNTDID 4451 — Text subject qualifier 107
A.2.10 UNTDID 4461 — Payment means 107
A.2.11 UNTDID 5305 — Duty or tax or fee category 107
A.2.12 UNTDID 5189 — Allowance codes 108
A.2.13 UNTDID 7143 — Item type identification code 109
A.2.14 UNTDID 7161 — Charge codes 109
A.2.15 Mime-Typ-Codes — Mime-Codes 110
A.2.16 CEF EAS — Electronic address scheme identifier 110
A.2.17 CEF VATEX — VAT exemption reason code 110
A.2.18 UN/ECE Recommendation N°20 and UN/ECE Recommendation N°21 — Unit codes 111
A.3 Internationale Registrierungsstelle für ISO/IEC 6523 111
A.4 UN/Cefact: new code request/code change request 118

Anhang B (informativ) Beispiele 121
B.1 Einleitung 121
B.2 Rechnung mit mehreren Positionen (en: Invoice wih multiple line items) 121
B.3 IT-Ausrüstung (en: IT equipment) 142
B.4 Beitrag (en: Subscription) 159
B.5 Inlandszahlung (en: Domestic Payment) 164

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

B.6 Maximaler Inhalt (en: Maximum content) 171
B.7 Minimaler Inhalt (en: Minimum content) 187
B.8 Steuern (en: Taxes) 192
B.9 Elektrizität (en: Electricity) 197
B.10 Lizenzen (en: Licenses) 215

Literaturhinweise 221

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

Europäisches Vorwort

Dieses Dokument (CEN/TS 16931-3-3:2020) wurde vom Technischen Komitee CEN/TC 434 „Elektronische Rechnungsstellung“ erarbeitet, dessen Sekretariat von NEN gehalten wird.

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Dieses Dokument ersetzt CEN/TS 16931-3-3:2017.

Dieses Dokument wurde im Rahmen eines Mandats erarbeitet, das die Europäische Kommission und die Europäische Freihandelsassoziation CEN erteilt haben.

Dieses Dokument ist Teil eines Dokumentensatzes mit folgendem Inhalt:

— EN 16931-1:2017, *Elektronische Rechnungsstellung — Teil 1: Semantisches Datenmodell der Kernelemente einer elektronischen Rechnung*

— CEN/TS 16931-2:2017, *Elektronische Rechnungsstellung — Teil 2: Liste der Syntaxen, die die EN 16931-1 erfüllen*

— CEN/TS 16931-3-1:2017, *Elektronische Rechnungsstellung — Teil 3-1: Methodologie für die Umsetzung der Kernelemente einer elektronischen Rechnung in eine Syntax*

— CEN/TS 16931-3-2:2020, *Elektronische Rechnungsstellung — Teil 3-2: Umsetzung in die Syntax ISO/IEC 19845 (UBL 2.1) Rechnung und Gutschrift*

— CEN/TS 16931-3-3:2020, *Elektronische Rechnungsstellung — Teil 3-3: Umsetzung in die Syntax UN/CEFACT XML Cross Industry Invoice D16B*

— CEN/TS 16931-3-4:2020, *Elektronische Rechnungsstellung — Teil 3-4: Umsetzung in die Syntax UN/EDIFACT INVOIC D16B*

— CEN/TR 16931-4:2017, *Elektronische Rechnungsstellung — Teil 4: Leitfaden über die Interoperabilität elektronischer Rechnungen auf der Übertragungsebene*

— CEN/TR 16931-5:2017, *Elektronische Rechnungsstellung — Teil 5: Leitfaden über die Verwendung von branchen- oder länderspezifischen Erweiterungen der EN 16931-1 einschließlich einer im realen Umfeld einzusetzenden Methodik*

— CEN/TR 16931-6:2017, *Elektronische Rechnungsstellung — Ergebnis der Prüfung der EN 16931-1 auf ihre praktische Anwendbarkeit durch einen Endnutzer*

Entsprechend der CEN-CENELEC-Geschäftsordnung sind die nationalen Normungsinstitute der folgenden Länder gehalten, diese Technische Spezifikation anzukündigen: Belgien, Bulgarien, Dänemark, Deutschland, die Republik Nordmazedonien, Estland, Finnland, Frankreich, Griechenland, Irland, Island, Italien, Kroatien, Lettland, Litauen, Luxemburg, Malta, Niederlande, Norwegen, Österreich, Polen, Portugal, Rumänien, Schweden, Schweiz, Serbien, Slowakei, Slowenien, Spanien, Tschechische Republik, Türkei, Ungarn, Vereinigtes Königreich und Zypern.

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

Einleitung

Nach Schätzung der Europäischen Kommission würde „die Masseneinführung der elektronischen Rechnungsstellung innerhalb der EU erheblichen wirtschaftlichen Nutzen bringen; Schätzungen zufolge ließen sich durch den Übergang von beleghaften zu elektronischen Rechnungen innerhalb von sechs Jahren rund 240 Mrd. EUR einsparen“ [1]. Aufgrund dieser Erkenntnis soll die elektronische Rechnungsstellung „nach dem Willen der Kommission bis zum Jahr 2020 in Europa zur vorherrschenden Fakturierungsmethode werden“.

Zur Erreichung dieses Ziels ist die Richtlinie 2014/55/EU [3] über die elektronische Rechnungsstellung bei öffentlichen Aufträgen darauf ausgelegt, den Wirtschaftsteilnehmern die elektronische Rechnungsstellung an die öffentliche Verwaltung für die Lieferung von Waren oder für die Erbringung von Bau- und Dienstleistungen (B2G) sowie den Handel zwischen Wirtschaftsteilnehmern selbst (B2B) zu erleichtern. Im Besonderen legt sie den rechtlichen Rahmen für die Einführung und Anwendung einer Europäischen Norm (EN) für das semantische Datenmodell der Kernelemente einer elektronischen Rechnung dar (EN 16931-1).

In Übereinstimmung mit der Richtlinie 2014/55/EU [3] sowie nach Veröffentlichung der Fundstelle von EN 16931-1 im Amtsblatt der Europäischen Union werden alle öffentlichen Auftraggeber und Auftraggeber in der EU verpflichtet, elektronische Rechnungen empfangen und verarbeiten zu können, sofern

— sie mit der in EN 16931-1 beschriebenen Semantik übereinstimmen,

— sie in einer der Syntaxen verfasst sind, die in CEN/TS 16931-2 beschrieben sind, die in Übereinstimmung mit dem Auftrag aus Artikel 3 Absatz 1 der Richtlinie 2014/55/EU erarbeitet wurde und

— sie mit dem entsprechenden Mapping übereinstimmt, das in dem anwendbaren Teil der Reihe CEN/TS 16931-3 definiert ist.

Das semantische Datenmodell der Kernelemente einer elektronischen Rechnung — das Kernrechnungsmodell — wie in EN 16931-1 beschrieben, basiert auf der Prämisse, dass sich eine zwar begrenzte, aber ausreichende Menge von Informationselementen definieren lässt, die allgemein anwendbare rechnungsbezogene Funktionalitäten unterstützt.

Diese CEN Technische Spezifikation CEN/TS 16931-3-3 definiert die Umsetzung von Kernelementen der Rechnung in Cross Industry Invoice von UN/CEFACT XML. Weitere Unterteile dieser CEN Technischen Spezifikation definieren die Umsetzungsmethode (CEN/TS 16931-3-1) und ordnen das Kernrechnungsmodell anderen Syntaxen wie ISO/IEC 19845 (UBL 2.1) (CEN/TS 16931-3-2) und ISO 9735 (UN/EDIFACT) (CEN/TS 16931-3-4) zu.

Durch die Sicherstellung der Interoperabilität von elektronischen Rechnungen dient die Europäische Norm und die sie ergänzenden Technischen Spezifikationen (TS) und Technischen Reports (TR) der Beseitigung von Marktschranken und Handelshemmnissen, die sich aus den unterschiedlichen nationalen Rechtsvorschriften und Technischen Regeln ergeben, und tragen so zur Erreichung des von der Europäischen Kommission gestellten Ziels bei.

1 http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2010:0712:FIN:en:PDF.

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1 Anwendungsbereich

Dieses Dokument legt die Zuordnung (en: mapping) zwischen dem semantischen Modell einer elektronischen Rechnung, das in EN 16931-1 enthalten ist, und der Cross Industry Invoice in der Syntax UN/CEFACT XML fest. Für jedes Element im semantischen Modell (einschließlich Unterelemente oder Ergänzungskomponenten wie Identifikationsschema-Kennungen (en: Identification scheme identifiers) wird definiert, welches Syntax-Element für seine Informationsinhalte verwendet werden muss. Nicht-übereinstimmungen zwischen Semantik, Format, Kardinalität oder Struktur werden angezeigt.

2 Normative Verweisungen

Die folgenden Dokumente werden im Text in solcher Weise in Bezug genommen, dass einige Teile davon oder ihr gesamter Inhalt Anforderungen des vorliegenden Dokuments darstellen. Bei datierten Verweisungen gilt nur die in Bezug genommene Ausgabe. Bei undatierten Verweisungen gilt die letzte Ausgabe des in Bezug genommenen Dokuments (einschließlich aller Änderungen).

EN 16931-1, *Elektronische Rechnungsstellung — Teil 1: Semantisches Datenmodell der Kernelemente einer elektronischen Rechnung*

ISO 4217, *Codes for the representation of currencies*

3 Begriffe

Für die Anwendung dieses Dokuments gelten die folgenden Begriffe.

ISO und IEC stellen terminologische Datenbanken für die Verwendung in der Normung unter den folgenden Adressen bereit:

— IEC Electropedia: verfügbar unter http://www.electropedia.org/

— ISO Online Browsing Platform: verfügbar unter http://www.iso.org/obp

3.1
elektronische Rechnung
Rechnung, die in einem strukturierten elektronischen Format ausgestellt, übermittelt und empfangen wird, das ihre automatische und elektronische Verarbeitung ermöglicht

[QUELLE: Richtlinie 2014/55/EU [3]]

3.2
semantisches Datenmodell
strukturierte Menge von logisch verknüpften Informationselementen

3.3
Informationselement
semantischer Begriff, der unabhängig von irgendeiner bestimmten Darstellung in einer Syntax definiert werden kann

3.4
Syntax
maschinenlesbare Sprache oder Dialekt einer maschinenlesbaren Sprache, die bzw. der für die Darstellung der in einem elektronischen Dokument (z. B. einer elektronischen Rechnung) enthaltenen Informations-elemente verwendet wird

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

3.5
betriebswirtschaftlicher Begriff
Kategoriebezeichnung, die einem bestimmten Informationselement zugewiesen wird, das als Hauptreferenz verwendet wird

3.6
Kernrechnungsmodell
semantisches Datenmodell der Kernelemente einer elektronischen Rechnung

3.7
Kernelemente einer elektronischen Rechnung
Reihe wesentlicher Informationselemente, die in einer elektronischen Rechnung enthalten sein dürfen und für die grenzübergreifende Interoperabilität unerlässlich sind, darunter auch die Informationen, die zur Gewährleistung der Einhaltung der Rechtsvorschriften erforderlich sind

3.8
Identifikator
Zeichenfolge, die zur Festlegung der Identität einer Instanz eines Objekts innerhalb eines Identifikationsschemas und zur eindeutigen Unterscheidung dieses Objekts von allen anderen Objekten innerhalb desselben Schemas verwendet wird

Anmerkung 1 zum Begriff: Eine Kennung darf in Abhängigkeit des verwendeten Identifikationsschemas ein Wort, eine Zahl, ein Buchstabe, ein Symbol oder jede beliebige Kombination aus diesen sein.

3.9
Identifikationsschema
Sammlung von Kennungen, die für eine bestimmte Art von Objekten anwendbar sind, die unter einem gemeinsamen Regelwerk verwaltet werden

4 Umsetzung in die Syntax UN/CEFACT XML Cross Industry Invoice D16B

4.1 Einleitung

Ein Teil der Grundlage für das Europäische Kerndatenmodell sind die CEN MUG CWAs, welche eine Untermenge von Cross Industry Invoice (CII) darstellen. UN-XML-Standards werden innerhalb von UN/CEFACT entwickelt. Das gewährleistet einen internationalen Fokus, Offenheit im Prozess und eine freie Nutzung, entsprechend der Mission von UN/CEFACT und der Politik von UNECE als globaler Regelsetzer[2]. Die Rechte am geistigen Eigentum (en: Intellectual Property Rights, IPRs) aller veröffentlichten Spezifikationen und Standards liegen bei der UN und stehen damit jedem zur freien Nutzung zur Verfügung. UN/CEFACT XML und alle zugrunde liegenden Standards (d. h. Core Component Methodology, Library, Message Assembly, XML Naming & Design Rules) werden regelmäßig von UN/CEFACT, innerhalb der Wirtschaftskommission der Vereinten Nationen für Europa (UNECE), im Rahmenplan des Wirtschafts- und Sozialrates der Vereinten Nationen gepflegt. Der Pflegeprozess wird dokumentiert, angewandt und verwaltet. Alle relevanten Verfahrensdokumente sind verfügbar. Die offene Teilnahme aller interessierten Kreise wird durch nationale Delegationen gewährleistet, welche für gewöhnlich mit den nationalen Normungsinstitutionen in Verbindung stehen. Auch anerkannte Organisationen können am Entwicklungs- und Pflegeprozess teilnehmen.

UN/CEFACT-Standards werden weltweit in verschiedenen Branchen wie Landwirtschaft, Transport und Logistik, B2G-E-Procurement sowie in branchenübergreifenden Anwendungen in verschiedenen Regionen (APAC, Vereinigte Staaten, Europa, Lateinamerika) aktiv genutzt.

2 Siehe www.cen.eu, www.unece.org/cefact.html.

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Abgesehen von Rechnungs-Implementierungen (en: [Core] Invoice Implementations, CII) finden UN/CEFACT-Standards auch im US-Verteidigungsministerium Anwendung. Innerhalb der globalen GS1-Gemeinschaft wird UN/CEFACT XML in mehreren Ländern der Welt verwendet (abgesehen von EANCOM & GS1 XML). In anderen Ländern und Gebieten wurde auch die CII- und UN/CEFACT-Syntax übernommen, z. B. in Japan, Taiwan (Single Window für WCO-Datenmodell und UN/CEFACT XML & UNTDED) oder Korea (branchenübergreifende elektronische Steuerrechnungen sind gesetzlich vorgeschrieben).

CII ist als Bestandteil von branchenübergreifenden Lieferkettenprozessen in mehreren europäischen Ländern implementiert, z. B.:

— öffentliche Plattform für elektronische Rechnungsstellung in Frankreich (CHORUS);

— B2B- und B2C-Kernrechnungsstandard in Deutschland (ZugFeRD).

UN/CEFACT stellt die relevanten Standards und Richtlinien auf seiner Website zur Verfügung.

Unterstützung erhalten Implementierer und Anwender durch andere Regelsetzer (z. B. CEN; GS1), Anwender-Communitys, Fachleute, die Mitglieder einer nationalen Delegation bei UN/CEFACT sind, etc., welche für ihre Empfehlungen/Richtlinien veröffentlichte UN/CEFACT-Standards zugrunde legen.

UN/CEFACT gestattet im Zusammenhang damit, wie das zugrunde liegende Datenmodell verändert werden muss, um Subsettings zu ermöglichen, die Nachrichtenzusammensetzungs-Methodologie (en: Message Assembly Methodology) der CCBDA CCL anzuwenden. Durch Anwendung der entsprechenden Benennungs- und Gestaltungsregeln wird die Syntax eingeschränkt oder erweitert.

CCBDA unterstützt Nachrichtenzusammensetzung und kontextabhängige Nachrichtenanpassung (en: message assembly and message contextual customisation) auf Grundlage der ABIE-Reference-Library der CCL. Es ist wichtig zu erläutern, dass Erweiterungen innerhalb der Grenzen dieser Reference-ABIEs unterstützt werden und dass, selbstverständlich, der Library Maintenance Vorschläge zu künftigen Erweiterungen jedweder ABIE unterbreitet werden können. Ziel ist ein kontrollierter Mechanismus für Erweiterungen zur Vereinfachung der Interoperabilität.

Durch Verwendung dieses standardisierten Ansatzes wird die Anforderung an die EN eingehalten, die UN/CEFACT XML Cross Industry Invoice v.2.0 und v.3.0[3] zu berücksichtigen[4].

Um die aktuelle Version der Cross Industry Invoice bestmöglich vorbereiten zu können und um damit eine einfache, nachhaltige und effektive Implementierung der EN mit der Cross Industry Invoice zu unterstützen, wird die Syntax zur Cross Industry Invoice Version 100 zugeordnet (Veröffentlichung D16B SCRDM). Version enthält zwei Schemata. Das erste verfügt über gekoppelte Codelisten-Module, welche eine Ein-Schritt-Validierung für den UN/CEFACT-Standard ermöglichen; das zweite enthält ungekoppelte Codelisten-Module. Für die Syntaxeinbindung bei elektronischen Rechnungen nach EN 16931-1 wird empfohlen, die Schnittstelle unter Verwendung des zweiten Schema-Sets (ungekoppelt) zu implementieren, um eine vollständig rückwärtskompatible und stabile Implementierung zu erreichen, welche es einem System ermöglicht, zukünftige Codelisten-Updates zu berücksichtigen.

3 Siehe C(2014) 7912 final, ANHANG 1, S. 5.

4 Siehe CCTS 2.01 & CCBDA 1.0 & NDR 2.1 Artefacts unter http://www.unece.org/tradewelcome/un-centre-for-trade-facilitation-and-e-business-uncefact/outputs/technical-specifications/.

Documents
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Full document details: DIN CEN/TS 16931-3-3:2021-07

4.2 Datentypen

Datentypen und relevante Codelisten für die Cross Industry Invoice können dem Dokument über die Anforderungsspezifikationen (en: Requirement Specification Mapping, RSM) auf der Website von UNECE[5] entnommen werden. Es finden die folgenden zusätzlichen Regeln Anwendung:

— Für udt:DateTimeType darf nur der DateTimeString gewählt werden. Für das entsprechende Attribut @format wird die Codeliste UN/CEFACT 2379 angewendet.

— Für die Zuordnung des SDM darf nur Code „102“ (YYYYMMDD) verwendet werden. In einem Szenario mit angewandten Erweiterungen können außerdem die beiden zusätzlichen Formate 610 (YYYYMM) und 616 (YYYYWW) verwendet werden.

4.3 Codes und Kennungen (en: Codes and identifiers)

Da UN/CEFACT XML die vom semantischen Datenmodell (en: Semantic Data Model, SDM) in Bezug genommenen Codelisten vollständig unterstützt, können die entsprechenden Codes der semantischen Anforderungen der zuletzt veröffentlichten Codelisten ohne zusätzliche Zuordnung verwendet werden. Für die folgenden Codelisten gelten besondere Regeln:

— ISO 4217 (Währungen): Die Alpha-3-Darstellung muss verwendet werden. Die Währung (en: currency) darf nur auf Dokumentebene in /rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableSupplyChainHeaderTradeSettlement/ram:InvoiceCurrencyCode gegeben werden. Nur wenn ein anderer TaxCurrencyCode verwendet werden muss, muss der currency code dem entsprechenden Element gegeben werden.

— BT-8 (Code für das Lieferdatum für die Mehrwertsteuerabrechnung). Während das Modell eine Einschränkung von UNTDID 2005 darstellt, unterstützt CII im zugeordneten Element wie folgt eine Einschränkung von UNTDID 2475:

Tabelle 1 — Codes

Semantic model	Code in UNTDID 2005	Code for CII in UNTDID 2475
Invoice document issue date	3	5
Delivery date, actual	35	29
Paid to date	432	72

4.4 Mapping des Rechnungsmodells (en: Mapping the Invoice model)

In der folgenden Tabelle ist das semantische Datenmodell der EN 16931-1 den entsprechenden XPaths der Nachrichtenstruktur der Cross Industry Invoice 100 (D16B) zugeordnet. Die Kardinalitätsspalte für die Syntax stellt die Kardinalität so dar, wie sie von UN/CEFACT definiert ist, um den Unterschied zwischen dem semantischen Datenmodell und der entsprechenden Syntax zu verdeutlichen. Die Kardinalität des Datenmodells wird durch die entsprechenden Validierungsartefakte berücksichtigt.

5 https://www.unece.org/cefact/rsm/rsm_index.html.

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

Tabelle 2 — Mapping des Semantischen Modells auf die UN/CEFACT Syntaxelemente (normativ)

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-1	1	1..1	Invoice number	A unique identification of the Invoice.	I	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:ID	E	1..1		
BT-2	1	1..1	Invoice issue date	The date when the Invoice was issued.	D	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTime/udt:DateTimeString	E	1..1		@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IssueDateTime/udt:DateTimeString/@format	A			Only value “102”
BT-3	1	1..1	Invoice type code	A code specifying the functional type of the Invoice.	C	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:TypeCode	E	0..1	CAR-2	
BT-5	1	1..1	Invoice currency code	The currency in which all Invoice amounts are given, except for the Total VAT amount in accounting currency.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceCurrencyCode	E	0..1	CAR-2	
BT-6	1	0..1	VAT accounting currency code	The currency used for VAT accounting and reporting purposes as accepted or required in the country of the Seller.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:TaxCurrencyCode	E	0..1	CAR-2	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-7	1	0..1	Value added tax point date	The date when the VAT becomes accountable for the Seller and for the Buyer in so far as that date can be determined and differs from the date of issue of the invoice, according to the VAT directive...	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:TaxPointDate/udt:DateString	E	1..1	STR-2	@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:TaxPointDate/udt:DateString/@format	A			Only value “102”
BT-8	1	0..1	Value added tax point date code	The code of the date when the VAT becomes accountable for the Seller and for the Buyer.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:DueDateTypeCode	E	0..1	STR-2	
BT-9	1	0..1	Payment due date	The date when the payment is due.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DueDateDateTime/udt:DateTimeString	E	1..1		@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DueDateDateTime/udt:DateTimeString/@format	A			Only value “102”

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-10	1	0..1	Buyer reference	An identifier assigned by the Buyer used for internal routing purposes.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerReference	E	0..1		
BT-11	1	0..1	Project reference	The identification of the project the invoice refers to.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SpecifiedProcuringProject/ram:ID	E	1..1		Use “Project reference” as default value for Name.
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SpecifiedProcuringProject/ram:Name	E	1..1		Use “Project reference” as default value for Name.
BT-12	1	0..1	Contract reference	The identification of a contract.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:ContractReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-13	1	0..1	Purchase order reference	An identifier of a referenced purchase order, issued by the Buyer.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerOrderReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-14	1	0..1	Sales order reference	An identifier of a referenced sales order, issued by the Seller.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerOrderReferencedDocument/ram:IssuerAssignedID	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-15	1	0..1	Receiving advice reference	An identifier of a referenced receiving advice.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ReceivingAdviceReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-16	1	0..1	Despatch advice reference	An identifier of a referenced despatch advice.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:DespatchAdviceReferencedDocument/ram:IssuerAssignedID	E	0..1		
BT-17	1	0..1	Tender or lot reference	The identification of the call for tender or lot the invoice relates to.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1		Use for “Tender or lot reference” with TypeCode “50”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1		Use for “Tender or lot reference” with TypeCode “50”
BT-18	1	0..1	Invoiced object identifier	The identification of the call for tender or lot the invoice relates to.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	Use for “Invoiced object identifier” with TypeCode “130” and Reference TypeCode

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1	CAR-2	Use for "Invoiced object identifier" with TypeCode "130" and Reference TypeCode
BT-18–1	2	0..1	Scheme identifier	The identification scheme identifier of the Invoiced object identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:ReferenceTypeCode	E	0..1		
BT-19	1	0..1	Buyer accounting reference	A textual value that specifies where to book the relevant data into the Buyer's financial accounts.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ReceivableSpecifiedTradeAccountingAccount/ram:ID	E	1..1	CAR-2	
BT-20	1	0..1	Payment terms	A textual description of the payment terms that apply to the amount due for payment (Including description of possible penalties).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:Description	E	0..n	CAR-3	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-1	1	0..n	INVOICE NOTE	A group of business terms providing textual notes that are relevant for the invoice, together with an indication of the note subject.		/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote	E	0..n		
BT-21	2	0..1	Invoice note subject code	The subject of the following textual note.	C	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:SubjectCode	E	0..1		
BT-22	2	1..1	Invoice note	A textual note that gives unstructured information that is relevant to the Invoice as a whole.	T	/rsm:CrossIndustryInvoice/rsm:ExchangedDocument/ram:IncludedNote/ram:Content	E	0..n	CAR-3	
BG-2	1	1..1	PROCESS CONTROL	A group of business terms providing information on the business process and rules applicable to the		/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext	E	1..1		
BT-23	2	0..1	Business process type	Identifies the business process context in which the transaction appears, to enable the Buyer to process the Invoice in an appropriate way.	T	/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:BusinessProcessSpecifiedDocumentContextParameter/ram:ID	E	0..1		

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-24	2	1..1	Specification identifier	An identification of the specification containing the total set of rules regarding semantic content, cardinalities and business rules to which the data contained in the instance document conforms.	I	/rsm:CrossIndustryInvoice/rsm:ExchangedDocumentContext/ram:GuidelineSpecifiedDocumentContextParameter/ram:ID	E	0..1	CAR-2, CAR-3	
BG-3	1	0..n	PRECEDING INVOICE REFERENCE	A group of business terms providing information on one or more preceding Invoices.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument	E	0..1		
BT-25	2	1..1	Preceding Invoice number	The identification of an Invoice that was previously sent by the Seller.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	
BT-26	2	0..1	Preceding Invoice issue date	The date when the Preceding Invoice was issued.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:FormattedIssueDateTime/qdt:DateTimeString	E	1..1		
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:InvoiceReferencedDocument/ram:FormattedIssueDateTime/qdt:DateTimeString/@format	A			Fixed value “102”
BG-5	1	1..1	SELLER	A group of business terms providing information about		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:Selle	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
				the Seller.		rTradeParty				
BT-27	2	1..1	Seller name	The full formal name by which the Seller is registered in the national registry of legal entities or as a Taxable person or otherwise trades as a person or persons.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:Name	E	0..1	CAR-2	
BT-28	2	0..1	Seller trading name	A name by which the Seller is known, other than Seller name (also known as Business name).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:TradingBusinessName	E	0..1		
BT-29	2	0..n	Seller identifier	An identification of the Seller.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GloablID, if global identifier exists and can be stated in @schemeI

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
										D, ID else
BT-29–1	3	0..1	Seller identifier identification scheme identifier	The identification scheme identifier of the Seller identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:GlobalID/@schemeID	A			
BT-30	2	0..1	Seller legal registration identifier	An identifier issued by an official registrar that identifies the Seller as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-30-1	3	0..1	Seller legal registration identifier identification scheme identifier	The identification scheme identifier of the Seller legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			
BT-31	2	0..1	Seller VAT identifier	The Seller's VAT identifier (also known as Seller VAT identification number).	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID = ”VA”

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-32	2	0..1	Seller tax registration identifier	The local identification (defined by the Seller's address) of the Seller for tax purposes or a reference that enables the Seller to state his registered tax status.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID = "FC"
BT-33	2	0..1	Seller additional legal information	Additional legal information relevant for the Seller.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:Description	E	0..n	CAR-3	
BT-34	2	0..1	Seller electronic address	Identifies the Seller's electronic address to which a business document may be delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:URIUniversalCommunication/ram:URIID	E	0..1	CAR-3	
BT-34-1	3	1..1	Seller electronic address identification scheme identifier	The identification scheme identifier of the Seller electronic address	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:URIUniversalCommunication/ram:URIID/@schemeID	A			
BG-5	2	1..1	SELLER POSTAL ADDRESS	A group of business terms providing information about the address of the Seller.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress	E	0..1		

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-35	3	0..1	Seller address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-36	3	0..1	Seller address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-162		0..1	Seller address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-37	3	0..1	Seller city	The common name of the city, town or village, where the Seller address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-38	3	0..1	Seller post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-39	3	0..1	Seller country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CountrySubD	E	0..n	CAR-3	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						ivisionName				
BT-40	3	1..1	Seller country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-6	2	0..1	SELLER CONTACT	A group of business terms providing contact information about the Seller.s		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact	E	0..n	CAR-3	
BT-41	3	0..1	Seller contact point	A contact point for a legal entity or person.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:PersonName	E	0..1	STR-5	
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:DepartmentName	E	0..1	STR-5	
BT-42	3	0..1	Seller contact telephone number	A phone number for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:TelephoneUniversalCommunication/ram:CompleteNumber	E	0..1		
BT-43	3	0..1	Seller contact email address	An e-mail address for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTradeParty/ram:DefinedTradeContact/ram:EmailURIUniversalCommunication/ram:URIID	E	0..1		
BG-7	1	1..1	BUYER	A group of business terms providing information about the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty	E	0..1		

AVA Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-44	2	1..1	Buyer name	The full name of the Buyer.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:Name	E	0..1	CAR-2	
BT-45	2	0..1	Buyer trading name	A name by which the Buyer is known, other than Buyer name (also known as Business name).	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:TradingBusinessName	E	0..1		
BT-46	2	0..n	Buyer identifier	An identifier of the Buyer.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:ID	E	0..1	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:GlobalID	E	0..1	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else
BT-46–1	3	0..1	Buyer identifier identification scheme identifier	The identification scheme identifier of the Buyer identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:GlobalID/@schemeID	A			

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-47	2	0..1	Buyer legal registration identifier	An identifier issued by an official registrar that identifies the Buyer as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-47–1	3	0..1	Buyer legal registration identifier identification scheme identifier	The identification scheme identifier of the Buyer legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			
BT-48	2	0..1	Buyer VAT identifier	The Buyer's VAT identifier (also known as Buyer VAT identification number).	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1		@schemeID = ”VA”
BT-49	2	0..1	Buyer electronic address	Identifies the Buyer's electronic address to which a business document should be delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:URIUniversalCommunication/ram:URIID	E	0..1	CAR-3	
BT-49–1	3	1..1	Buyer electronic address identification scheme identifier	The identification scheme identifier of the Buyer electronic address.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:URIUniversalCommunication/ram:URIID/@schemeID	A			

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-8	2	1..1	BUYER POSTAL ADDRESS	A group of business terms providing information about the postal address for the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress	E	0..1		
BT-50	3	0..1	Buyer address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-51	3	0..1	Buyer address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-163		0..1	Buyer address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-52	3	0..1	Buyer city	The common name of the city, town or village, where the Buyer's address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-53	3	0..1	Buyer post code	The identifier for an addressable group of properties according to the relevant postal	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:PostcodeCod	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
				service.		e				
BT-54	3	0..1	Buyer country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-55	3	1..1	Buyer country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-9	2	0..1	BUYER CONTACT	A group of business terms providing contact information relevant for the Buyer.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact	E	0..n	CAR-3	
BT-56	3	0..1	Buyer contact point	A contact point for a legal entity or person.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:PersonName	E	0..1	STR-5	
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:DepartmentName	E	0..1	STR-5	
BT-57	3	0..1	Buyer contact telephone number	A phone number for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:TelephoneUniversalCommunication/ram:CompleteNumber	E	0..1		

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-58	3	0..1	Buyer contact email address	An e-mail address for the contact point.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:BuyerTradeParty/ram:DefinedTradeContact/ram:EmailURIUniversalCommunication/ram:URIID	E	0..1		
BG-10	1	0..1	PAYEE	A group of business terms providing information about the Payee, i.e. the role that receives the payment.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty	E	0..1		
BT-59	2	1..1	Payee name	The name of the Payee.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:Name	E	0..1		
BT-60	2	0..1	Payee identifier	An identifier for the Payee.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-60-1	3	0..1	Payee identifier identification scheme identifier	The identification scheme identifier of the Payee identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:GlobalID/@schemeID	A			
BT-61	2	0..1	Payee legal registration identifier	An identifier issued by an official registrar that identifies the Payee as a legal entity or person.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:SpecifiedLegalOrganization/ram:ID	E	0..1		
BT-61-1	3	0..1	Payee legal registration identifier identification scheme identifier	The identification scheme identifier of the Payee legal registration identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PayeeTradeParty/ram:SpecifiedLegalOrganization/ram:ID/@schemeID	A			
BG-11	1	0..1	SELLER TAX REPRESENTATIVE PARTY	A group of business terms providing information about the Seller's tax representative.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty	E	0..1		
BT-62	2	1..1	Seller tax representative name	The full name of the Seller's tax representative party.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:Name	E	0..1		
BT-63	2	1..1	Seller tax representative VAT identifier	The VAT identifier of the Seller's tax representative party.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:SpecifiedTaxRegistration/ram:ID	E	0..1	CAR-3	@schemeID = ”VA”

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-12	2	1..1	SELLER TAX REPRESENTATIVE POSTAL ADDRESS	A group of business terms providing information about the postal address for the tax representative party.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress	E	0..1		
BT-64	3	0..1	Tax representative address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-65	3	0..1	Tax representative address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		
BT-164		0..1	Tax representative address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-66	3	0..1	Tax representative city	The common name of the city, town or village, where the tax representative address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-67	3	0..1	Tax representative post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-68	3	0..1	Tax representative country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-69	3	1..1	Tax representative country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:SellerTaxRepresentativeTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-13	1	0..1	DELIVERY INFORMATION	A group of business terms providing information about where and when the goods and services invoiced are delivered.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty	E	0..1	STR-3	
BT-70	2	0..1	Deliver to party name	The name of the party to which the goods and services are delivered.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:Name	E	0..1		
BT-71	2	0..1	Deliver to location identifier	An identifier for the location at which the goods and services are delivered.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:ID	E	0..n	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeI

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
										D, ID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:GlobalID	E	0..n	SYN-1, CAR-3	GlobalID, if global identifier exists and can be stated in @schemeID, ID else
BT-71-1	3	0..1	Deliver to location identifier identification scheme identifier	The identification scheme identifier of the Deliver to location identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:GlobalID/@schemeID	A			
BT-72	2	0..1	Actual delivery date	The date on which the delivery is made.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ActualDeliverySupplyChainEvent/ram:OccurrenceDateTime/udt:DateTimeString	E	1..1		@format = ”102”
BG-14	2	0..1	DELIVERY OR INVOICE PERIOD	A group of business terms providing information on the invoice period.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod	E	0..1		
BT-73	3	0..1	Invoicing period start date	The date when the Invoice period starts.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString	E	1..1	SYN-2, CAR-2	@format = ”102”

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString/@format	A			Only value “102”
BT-74	3	0..1	Invoicing period end date	The date when the Invoice period ends.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString	E	1..1	SYN-2, CAR-2	@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString/@format	A			Only value “102”
BG-15	2	0..1	DELIVER TO ADDRESS	A group of business terms providing information about the address to which goods and services invoiced were or are delivered.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress	E	0..1		
BT-75	3	0..1	Deliver to address line 1	The main address line in an address.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineOne	E	0..1		
BT-76	3	0..1	Deliver to address line 2	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineTwo	E	0..1		

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-165		0..1	Deliver to address line 3	An additional address line in an address that can be used to give further details supplementing the main line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:LineThree	E	0..1		
BT-77	3	0..1	Deliver to city	The common name of the city, town or village, where the deliver to address is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CityName	E	0..1		
BT-78	3	0..1	Deliver to post code	The identifier for an addressable group of properties according to the relevant postal service.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:PostcodeCode	E	0..1		
BT-79	3	0..1	Deliver to country subdivision	The subdivision of a country.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CountrySubDivisionName	E	0..n	CAR-3	
BT-80	3	1..1	Deliver to country code	A code that identifies the country.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeDelivery/ram:ShipToTradeParty/ram:PostalTradeAddress/ram:CountryID	E	0..1		
BG-16	1	0..1	PAYMENT INSTRUC-TIONS	A group of business terms providing information about the payment.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans	E	0..n	STR-3	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-81	2	1..1	Payment means type code	The means, expressed as code, for how a payment is expected to be or has been settled.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:TypeCode	E	0..1	CAR-2	
BT-82	2	0..1	Payment means text	The means, expressed as text, for how a payment is expected to be or has been settled.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:Information	E	0..n	CAR-3	
BT-83	2	0..1	Remittance information	A textual value used to establish a link between the payment and the Invoice, issued by the Seller.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:PaymentReference	E	0..n	CAR-3	
BG-17	2	0..n	CREDIT TRANSFER	A group of business terms to specify credit transfer payments.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount	E	0..1	STR-3 CAR-4	
BT-84	3	1..1	Payment account identifier	A unique identifier of the financial payment account, at a payment service provider, to which payment should be made.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount/ram:IBANID	E	0..1	CAR-2, SEM-2	Use IBANID if applicable, ProprietaryID else
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount/ram:ProprietaryID	E	0..1	CAR-2, SEM-2	Use IBANID if applicable, Proprietar

AVA Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
										yID else
BT-85	3	0..1	Payment account name	The name of the payment account, at a payment service provider, to which payment should be made.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeePartyCreditorFinancialAccount/ram:AccountName	E	0..1		
BT-86	3	0..1	Payment service provider identifier	An identifier for the payment service provider where a payment account is located.	I	rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeeSpecifiedCreditorFinancialInstitution/ram:BICID	E	0..1		Use for direct debit
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayeeSpecifiedCreditorFinancialInstitution/ram:BICID	E	0..1	STR-3	Use for credit transfer
BG-18	2	0..1	PAYMENT CARD INFORMA-TION	A group of business terms providing information about card used for payment contemporaneous with invoice issuance.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:ApplicableTradeSettlementFinancialCard	E	0..1		
BT-87	3	1..1	Payment card primary account number	The Primary Account Number (PAN) of the card used for payment.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:ApplicableTradeSettlementFinancialCard/ram:ID	E	0..1	CAR-2	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-88	3	0..1	Payment card holder name	The name of the payment card holder.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:ApplicableTradeSettlementFinancialCard/ram:CardholderName	E	0..1		
BG-19	2	0..1	DIRECT DEBIT	A group of business terms to specify a direct debit.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement	E	1..1	STR-3	
BT-89	3	0..1	Mandate reference identifier	Unique identifier assigned by the Payee for referencing the direct debit mandate.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradePaymentTerms/ram:DirectDebitMandateID	E	0..n		
BT-90	3	0..1	Bank assigned creditor identifier	Unique banking reference identifier of the Payee or Seller assigned by the Payee or Seller bank.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:CreditorReferenceID	E	0..1		
BT-91	3	0..1	Debited account identifier	The account to be debited by the direct debit.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementPaymentMeans/ram:PayerPartyDebtorFinancialAccount/ram:IBANID	E	0..1		
BG-20	1	0..n	DOCUMENT LEVEL ALLOW-ANCES	A group of business terms providing information about allowances applicable to the Invoice as a whole.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator = false
BT-92	2	1..1	Document level allowance	The amount of an allowance, without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2, CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
			amount							
BT-93	2	0..1	Document level allowance base amount	The base amount that may be used, in conjunction with the document level allowance percentage, to calculate the document level allowance amount.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		
BT-94	2	0..1	Document level allowance percentage	The percentage that may be used, in conjunction with the document level allowance base amount, to calculate the document level allowance amount.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-95	2	1..1	Document level allowance VAT category code	A coded identification of what VAT category applies to the document level allowance.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:TypeCode	E	0..1		Fixed value “VAT”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:CategoryCode	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-96	2	0..1	Document level allowance VAT rate	The VAT rate, represented as percentage that applies to the document level allowance.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:RateApplicablePercent	E	0..1		
BT-97	2	0..1	Document level allowance reason	The reason for the document level allowance, expressed as text.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-98	2	0..1	Document level allowance reason code Document level allowance reason code	The reason for the document level allowance, expressed as a code. The reason for the document level allowance, expressed as a code.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		
BG-21	1	0..n	DOCUMENT LEVEL CHARGES	A group of business terms providing information about charges and taxes other than VAT, applicable to the Invoice as a whole.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator = true
BT-99	2	1..1	Document level charge amount	The amount of a charge, without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ActualAmount	E	0..n	CAR-2, CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-100	2	0..1	Document level charge base amount	The base amount that may be used, in conjunction with the document level charge percentage, to calculate the document level charge amount.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:BasisAmount	E	0..1		
BT-101	2	0..1	Document level charge percentage	The percentage that may be used, in conjunction with the document level charge base amount, to calculate the document level charge amount.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CalculationPercent	E	0..1		
BT-102	2	1..1	Document level charge VAT category code	A coded identification of what VAT category applies to the document level charge.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:TypeCode	E	0..1		Fixed value “VAT”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:CategoryCode	E	0..1		
BT-103	2	0..1	Document level charge VAT rate	The VAT rate, represented as percentage that applies to the document level charge.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:CategoryTradeTax/ram:RateApplicablePercent	E	0..1		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-104	2	0..1	Document level charge reason	The reason for the document level charge, expressed as text.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:Reason	E	0..1		
BT-105	2	0..1	Document level charge reason code	The reason for the document level charge, expressed as a code.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeAllowanceCharge/ram:ReasonCode	E	0..1		
BG-22	1	1..1	DOCUMENT TOTALS	A group of business terms providing the monetary totals for the Invoice.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation	E	0..1		
BT-106	2	1..1	Sum of Invoice line net amount	Sum of all Invoice line net amounts in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:LineTotalAmount	E	0..n	CAR-2, CAR-3	
BT-107	2	0..1	Sum of allowances on document level	Sum of all allowances on document level in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:AllowanceTotalAmount	E	0..n	CAR-3	
BT-108	2	0..1	Sum of charges on document level	Sum of all charges on document level in the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:ChargeTotalAmount	E	0..n	CAR-3	
BT-109	2	1..1	Invoice total amount without VAT	The total amount of the Invoice without VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxBasisTotalAmount	E	0..n	CAR-2, CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-110	2	0..1	Invoice total VAT amount	The total VAT amount for the Invoice.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxTotalAmount	E	0..n	STR-4, CAR-3	@currencyID is mandatory to differentiate between VAT amount and VAT amount in accounting currency.
BT-111	2	0..1	Invoice total VAT amount in accounting currency	The VAT total amount expressed in the accounting currency accepted or required in the country of the Seller.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TaxTotalAmount	E	0..n	STR-4, CAR-3	@currencyID is mandatory to differentiate between VAT amount and VAT amount in accounting currency.
BT-112	2	1..1	Invoice total amount with VAT	The total amount of the Invoice with VAT.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:GrandTotalAmount	E	0..n	CAR-2, CAR-3	

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-113	2	0..1	Paid amount	The sum of amounts which have been paid in advance.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:TotalPrepaidAmount	E	0..n	CAR-3	
BT-114	2	0..1	Rounding amount	The amount to be added to the invoice total to round the amount to be paid.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:RoundingAmount	E	0..n	CAR-3	
BT-115	2	1..1	Amount due for payment	The outstanding amount that is requested to be paid.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:SpecifiedTradeSettlementHeaderMonetarySummation/ram:DuePayableAmount	E	0..n	CAR-2, CAR-3	
BG-23	1	1..n	VAT BREAK-DOWN	A group of business terms providing information about VAT breakdown by different categories, rates and exemption reasons		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax	E	0..n	CAR-2	
BT-116	2	1..1	VAT category taxable amount	Sum of all taxable amounts subject to a specific VAT category code and VAT category rate (if the VAT category rate is applicable).	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:BasisAmount	E	0..n	CAR-2, CAR-3	
BT-117	2	1..1	VAT category tax amount	The total VAT amount for a given VAT category.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:CalculatedAmount	E	0..n	CAR-2, CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-118	2	1..1	VAT category code	Coded identification of a VAT category.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:TypeCode	E	0..1		Fixed value "VAT"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:CategoryCode	E	0..1	CAR-2	
BT-119	2	0..1	VAT category rate	The VAT rate, represented as percentage that applies for the relevant VAT category.	P	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:RateApplicablePercent	E	0..1		
BT-120	2	0..1	VAT exemption reason text	A textual statement of the reason why the amount is exempted from VAT or why no VAT is being charged	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:ExemptionReason	E	0..1		
BT-121	2	0..1	VAT exemption reason code	A coded statement of the reason for why the amount is exempted from VAT.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeSettlement/ram:ApplicableTradeTax/ram:ExemptionReasonCode	E	0..1		
BG-24	1	0..n	ADDITIONAL SUPPORTING DOCUMENTS	A group of business terms providing information about additional supporting documents substantiating the claims made in the Invoice.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument	E	0..n		

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-122	2	1..1	Supporting document reference	An identifier of the supporting document.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1	CAR-2	Use for "ADDITIONAL SUPPORTING DOCUMENTS" with TypeCode "916"
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1	CAR-2	Use for "ADDITIONAL SUPPORTING DOCUMENTS" with TypeCode "916"
BT-123	2	0..1	Supporting document description	A description of the supporting document.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:Name	E	0..n	CAR-3	
BT-124	2	0..1	External document location	The URL (Uniform Resource Locator) that identifies where the external document is located.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:URIID	E	0..1		
BT-125	2	0..1	Attached document	An attached document embedded as binary object or sent together with the invoice.	B	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:AttachmentBinaryObject	E	0..n	CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-125–1	3	1..1	Attached document Mime code	The mime code of the attached document.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:AttachmentBinaryObject/@mimeCode	A		CAR-2	
BT-125–2	3	1..1	Attached document Filename	The file name of the attached document	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:ApplicableHeaderTradeAgreement/ram:AdditionalReferencedDocument/ram:AttachmentBinaryObject/@filename	A		CAR-2	
BG-25	1	1..n	INVOICE LINE	A group of business terms providing information on individual Invoice lines.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem	E	0..n	CAR-2	
BT-126	2	1..1	Invoice line identifier	A unique identifier for the individual line within the Invoice.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:LineID	E	0..1	CAR-2	
BT-127	2	0..1	Invoice line note	A textual note that gives unstructured information that is relevant to the Invoice line.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:AssociatedDocumentLineDocument/ram:IncludedNote/ram:Content	E	0..n	CAR-3	
BT-128	2	0..1	Invoice line object identifier	An identifier for an object on which the invoice line is based, given by the Seller.	I	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:IssuerAssignedID	E	0..1		Use with TypeCode “130”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:TypeCode	E	0..1		TypeCode “130”

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BT-128–1	3	0..1	Invoice line object identifier identification scheme identifier	The identification scheme identifier of the Invoice line object identifier.	S	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:AdditionalReferencedDocument/ram:ReferenceTypeCode	E	0..1		
BT-129	2	1..1	Invoiced quantity	The quantity of items (goods or services) that is charged in the Invoice line.	Q	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity	E	0..1	CAR-2	
BT-130	2	1..1	Invoiced quantity unit of measure	The unit of measure that applies to the invoiced quantity.	C	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeDelivery/ram:BilledQuantity/@unitCode	A		CAR-2	
BT-131	2	1..1	Invoice line net amount	The total amount of the Invoice line.	A	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeSettlementLineMonetarySummation/ram:LineTotalAmount	E	0..n	CAR-2, CAR-3	
BT-132	2	0..1	Referenced purchase order line reference	An identifier for a referenced line within a purchase order, issued by the Buyer.	O	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeAgreement/ram:BuyerOrderReferencedDocument/ram:LineID	E	0..1		
BT-133	2	0..1	Invoice line Buyer accounting reference	A textual value that specifies where to book the relevant data into the Buyer's financial accounts.	T	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:ReceivableSpecifiedTradeAccountingAccount/ram:ID	E	1..1	CAR-3	

Documents
Document Sharing Hub

Full document details: DIN CEN/TS 16931-3-3:2021-07

ID	Level	Card.	BT	Desc.	DT	Path	Type	Card.	Match	Rules
BG-26	2	0..1	INVOICE LINE PERIOD	A group of business terms providing information about the period relevant for the Invoice line.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod	E	0..1		
BT-134	3	0..1	Invoice line period start date	The date when the Invoice period for this Invoice line starts.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString	E	1..1	CAR-2	@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:StartDateTime/udt:DateTimeString/@format	A			Only value “102”
BT-135	3	0..1	Invoice line period end date	The date when the Invoice period for this Invoice line ends.	D	/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString	E	1..1		@format = ”102”
						/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:BillingSpecifiedPeriod/ram:EndDateTime/udt:DateTimeString/@format	A			Only value “102”
BG-27	2	0..n	INVOICE LINE ALLOWANCES	A group of business terms providing information about allowances applicable to the individual Invoice line.		/rsm:CrossIndustryInvoice/rsm:SupplyChainTradeTransaction/ram:IncludedSupplyChainTradeLineItem/ram:SpecifiedLineTradeSettlement/ram:SpecifiedTradeAllowanceCharge	E	0..n	STR-4	ChargeIndicator = false

Documents
Document Sharing Hub
Full document details: DIN CEN/TS 16931-3-3:2021-07