

DOCXCHANGE - KAUF LAND ROMANIA

DATA DICTIONARY

Merchandise Electronic Invoice

Versions

Version	Date	Changes
1.0	22/03/2018	Document creation
1.1	02/05/2018	Rules update: inserting key-words for customer headquarter address verification; measurement units accepted for the invoiced quantity
1.2	28/08/2018	Rules update: adding rejection rules for PO number, supplier code and customer material code (format verifications)
1.3	23/10/2020	Insert supplier fiscal number for the foreigner suppliers
1.4	18/02/2021	Rules update: remove rule for actual delivery date of the goods (to be less than the current date)
1.5	23/02/2021	Insert Excise code specifications at invoice-header level

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1. Context

This document contains the data dictionary for KAUFLAND ROMANIA electronic invoice format, the format and the content validation rules applied by DocXchange Platform in KAUFLAND context.

This document is for Kaufland suppliers who send the merchandise invoice to Kaufland, in the electronic format.

1.1. Status

The status for the XML field are:

Code	Meaning
M	M - Indicates that the field is required and must be filled in.
O	O - Indicates that the field is optional and may be filled in at the discretion of the user.
D	DEPENDENT - Indicates that the field must be filled in in certain conditions, as defined by the relevant explanatory note.

1.2. General rules

1. All the fields must respect data dictionary specifications. Otherwise, the invoices will be rejected.
2. The content of the field must not include spaces before or after the content itself.
3. The decimal values must be separated by dot (.). There is no thousand separator.
4. Correction invoices must contain only positive (+) line amounts or only negative (-) line amounts.
5. For the invoices issued with “**reversed charge**”, “**TVA la incasare**” or “**intra-community supply**” it is mandatory that the **VAT rate** and the **VAT related amounts** to be filled in in the invoice, with value “0”.

2. Electronic invoice fields specifications

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
	HEADER					
1.	Invoice serie and number	DXInvoice/Invoice/ID	M	an..35	ABC12345	The invoice is rejected if the value does not exist in the invoice.
2.	Copy Indicator For suppliers, the document is always original, so it will be "FALSE".	DXInvoice/Invoice/CopyIndicator	M	boolean	FALSE	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
3.	Invoice issuing date	DXInvoice/Invoice/IssueDate	M	YYYY-MM-DD	2018-03-01	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format). 3. The value is greater than the current date.
4.	Invoice type code 380 - original invoice 381 - storno 384 - correction	DXInvoice/Invoice/InvoiceTypeCode	M	n..3	380	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
5.	Note Free text for significant and unstructured messages.	DXInvoice/Invoice/Note	O	an..280	<p>Significant messages:</p> <p>a. VAT related:</p> <ul style="list-style-type: none"> - Taxare inversa - TVA la incasare <p>b. Correction reasons - to be inserted using the label "Motiv corectie:", ex: Motiv corectie: corectie cantitate</p> <p>c. Excise duty - The excise code to be inserted using the label "Accize percepute. Cod acciza: <excise code value>; or "Accize platite. Cod acciza: <excise code value>;</p> <p>Unsignificant messages: Plata conform contract</p>	-
6.	Invoice currency code	DXInvoice/Invoice/DocumentCurrencyCode	M	an..3	RON EUR USD	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
7.	Source currency code	DXInvoice/Invoice/PaymentExchangeRate/SouorceCurrencyCode	M only for the invoice issued in other currency than "RON"	an..3	EUR	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice issued in other currency than "RON" (Invoice currency code <> RON). 2. The value does not respect the format from data dictionary (length and format).

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
8.	Target currency code	DXInvoice/Invoice/PaymentExchangeRate/TargetCurrencyCode	M only for the invoices issued in other currency than "RON"	an..3	RON	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice issued in other currency than "RON" (Invoice currency code <> RON). 2. The value does not respect the format from data dictionary (length and format).
9.	Calculation rate	DXInvoice/Invoice/PaymentExchangeRate/CalculationRate	M only for the invoices issued in other currency than "RON"	n..12	4.45	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice issued in other currency than "RON" (Invoice currency code <> RON). 2. The value does not respect the format from data dictionary (length and format).
10.	Order reference given by the client	DXInvoice/Invoice/OrderReference/ID	M	Numerical 10 (fixed)	123546	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice; 2. The value does not have the exact length of 10 numerical characters.
11.	Order date given by the client	DXInvoice/Invoice/OrderReference/IssueDate	M	YYYY-MM-DD	2018-02-19	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
12.	Despatch advice reference	DXInvoice/Invoice/DespatchDocumentReference/ID If the invoice is issued based on more despatch advices, the supplier must fill in a single reference, at choice.	M	an..35	DESADV123	The invoice is rejected if the value does not exist in the invoice.
13.	Despatch advice issue date	DXInvoice/Invoice/DespatchDocumentReference/IssueDate If the invoice is issued based on more despatch advices, the supplier will fill in the date of the despatch advice specified in the previous field.	M	YYYY-MM-DD	2018-02-19	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
14.	Billing reference number	DXInvoice/Invoice/BillingReference/ID	M (for storno or correction invoices)	an..35	INV123	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the storno or correction invoice (381 or 384). 2. The value does not respect the format from data dictionary (length and format).

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
15.	Billing reference date	DXInvoice/Invoice/BillingReference/IssueDate	M (for storno or correction invoices)	YYYY-MM-DD	2018-02-19	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the storno or correction invoice (381 or 384). 2. The value does not respect the format from data dictionary (length and format).
16.	Payment terms - number of periods	/invoice:DXInvoice/Invoice/PaymentTerms/SettlementPeriod/DurationMeasure	M	Code (Payment terms expressed in days, starting from the invoice issuing date)	20	The invoice is rejected if the value does not exist in the invoice.
17.	Payment due date	/invoice:DXInvoice/Invoice/PaymentMeans/PaymentDueDate	M	YYYY-MM-DD	2018-03-31	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
	SUPPLIER					
18.	Supplier code given by the customer	DXInvoice/Invoice/AccountingSupplierParty/CustomerAssignedAccountID	M	an..35	1231	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value from the invoice is different from the value set in the master data, agreed between DocProcess, its adherent and Kaufland.
19.	Supplier fiscal number only for the foreigner supplier (with a fiscal code other than Romanian one)	DXInvoice/InvoiceAccountingSupplierParty/AdditionalAccountID where schemeID="FC"	M for the foreigner supplier (with a fiscal code other than Romanian one)	n..35	123456	The invoice is rejected if the value does not exist in the invoice issued by a foreigner supplier.
20.	Supplier headquarter GLN	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/LocationCoordinate	M	n..13	5940475123123	The invoice is rejected if the value does not exist in the invoice.
21.	Supplier fiscal code	DXInvoice/Invoice/AccountingSupplierParty/Party/PartyIdentification	M	an..35	RO1234	The invoice is rejected if the value does not exist in the invoice.
22.	Supplier name	DXInvoice/Invoice/AccountingSupplierParty/Party/PartyName	M	an..140	SUPPLIER SRL	The invoice is rejected if the value does not exist in the invoice.

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
23.	Supplier Trade Register Number	DXInvoice/Invoice/AccountingSupplierParty/Party/PartyLegalEntity/CompanyID	M	an..35	J40/12/2001	The invoice is rejected if the value does not exist in the invoice.
24.	Supplier Corporate Stock Amount	DXInvoice/Invoice/AccountingSupplierParty/Party/PartyLegalEntity/CorporateStockAmount	M	n..15	1000	The invoice is rejected if the value does not exist in the invoice.
25.	Supplier Corporate Stock Amount currency	DXInvoice/Invoice/AccountingSupplierParty/Party/PartyLegalEntity/CorporateStockAmount@currencyID	M	an..3	RON	The invoice is rejected if the value does not exist in the invoice.
26.	Supplier WEEE register number	DXInvoice/Invoice/AccountingSupplierParty/AdditionalAccountID where schemeID = WEEE	M (if applicable)	an..35	E1234567W	-
27.	Supplier street name	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/StreetName	M	an..35	Bd. Unirii	The invoice is rejected if the value does not exist in the invoice.
28.	Supplier additional street name	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/AdditionalStreetName	O	an..35	-	The invoice is rejected if the value does not respect the specifications from the data dictionary (format and lenght).
29.	Supplier street/building number	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/BuildingNumber	M	an..35	101	The invoice is rejected if the value does not exist in the invoice.
30.	Supplier city name	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/CityName	M	an..35	Bucuresti	The invoice is rejected if the value does not exist in the invoice.
31.	Supplier postal code	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/PostalZone	M	an..35	1234567	The invoice is rejected if the value does not exist in the invoice.
32.	Supplier country code	DXInvoice/Invoice/AccountingSupplierParty/Party/PostalAddress/Country/IdentificationCode	M	an..2 According to ISO3166 (2 characters)	RO	The invoice is rejected if the value does not exist in the invoice.

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
33.	Supplier bank account	DXInvoice/Invoice/PaymentMeans/PayeeFinancialAccount/ID	M	an..35	RO22RZBR00009999123456	The invoice is rejected if the value does not exist in the invoice.
	BUYER					
34.	Buyer headquarter GLN	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/LocationCoordinate	M	n..13	4049728000004	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value is different from "4049728000004"
35.	Buyer fiscal code	DXInvoice/Invoice/AccountingCustomerParty/Party/PartyIdentification	M	an..35	RO15991149	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value is not equal with "RO15991149" .
36.	Buyer Trade Register number	DXInvoice/InvoiceAccountingCustomerParty/Party/PartyLegalEntity/CompanyID	M	an..35	J40/17052/2003	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value is not equal with "J40/17052/2003" .
37.	Buyer name	DXInvoice/Invoice/AccountingCustomerParty/Party/PartyName	M	an..140	KAUFLAND ROMANIA	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not contain "KAUFLAND ROMANIA SCS" (the characters are not sensitive).
38.	Buyer street name	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/StreetName	M	an..35	Str. Barbu Vacarescu	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not contain "Barbu" , "Vacarescu" (the characters are not sensitive).
39.	Buyer additional street name	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/AdditionalStreetName	O	an..35	-	The invoice is rejected if the value does not respect the specifications from the data dictionary (format and lenght).
40.	Buyer street/building number	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/BuildingNumber	M	an..35	120-144	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not contain "120-144"
41.	Buyer city name	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/CityName	M	an..35	Bucuresti, sect. 2	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not contain "Bucuresti" and "Sector 2"

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
42.	Buyer postal code	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/PostalZone	M	an..35	020284	The invoice is rejected if the value does not exist in the invoice.
43.	Buyer country code	DXInvoice/Invoice/AccountingCustomerParty/Party/PostalAddress/Country/IdentificationCode	M	an..2	RO	The invoice is rejected if the value does not exist in the invoice.
	DELIVERY LOCATION					
44.	Actual delivery date	/invoice:DXInvoice/Invoice/Delivery/ActualDeliveryDate	M	YYYY-MM-DD	2018-03-12	The invoice is rejected if one of the following conditions is fulfilled: 1. The value is missing. 2. The value does not respect the format from data dictionary (length and format).
45.	Delivery location GLN	DXInvoice/Invoice/Delivery/DeliveryLocation/ID	M	n..13	4049728127008	The invoice is rejected if one of the following conditions is fulfilled: 1. The value is missing. 2. The GLN does not belong to a Kaufland specific location.
46.	Delivery location name	DXInvoice/Invoice/Delivery/DeliveryLocation/Description	M	an..35	KAUFLAND ORADEA - ROGERIUS	The invoice is rejected if the value does not exist in the invoice.
47.	Delivery location street name	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/StreetName	M	an..35	BD BORSULUI	The invoice is rejected if the value does not exist in the invoice.
48.	Delivery location additional street name	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/AdditionalStreetName	O	an..35	-	The invoice is rejected if the value does not respect the specifications from the data dictionary (format and length).

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
49.	Delivery location building number	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/BuildingNumber	M	an..35	6	The invoice is rejected if the value does not exist in the invoice.
50.	Delivery location city name	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/CityName	M	an..35	ORADEA, BIHOR	The invoice is rejected if the value does not exist in the invoice.
51.	Delivery location postal code	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/PostalZone	M	an..35	410100	The invoice is rejected if the value does not exist in the invoice.
52.	Delivery location country code	DXInvoice/Invoice/Delivery/DeliveryLocation/LocationAddress/CountryCode	M	an..35	RO	The invoice is rejected if the value does not exist in the invoice.
	INVOICE LINES					
53.	Line ID	DXInvoice/InvoiceLine/ID	M	n..4	1	The invoice is rejected if the value does not exist in the invoice.
54.	Line note	DXInvoice/InvoiceLine/Note	O	an..280	Free text	-
55.	Item description	DXInvoice/InvoiceLine/Item/Description	M	an..70	Produs test 1	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not respect the format from data dictionary (length and format).
56.	Buyer item code	DXInvoice/InvoiceLine/Item/BuyersItemIdentification/ID	M	Numerical 8 (fixed)	452134654	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value does not have the fixed length of 8 numerical characters.
57.	Supplier item code	DXInvoice/InvoiceLine/Item/SellersItemIdentification/ID	O	an..35	FZ123454	-
58.	Product EAN Code	DXInvoice/InvoiceLine/Item/StandardItemIdentification/ID	M	an..35	59404751121134	The invoice is rejected if the value does not exist in the invoice.
59.	Invoiced quantity	DXInvoice/InvoiceLine/InvoicedQuantity	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	10.000	The invoice is rejected if the value does not exist in the invoice.

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
60.	Despatch advice number	DXInvoice/InvoiceLine/DispatchLineReference/ID	D (when the merchandise was delivered with more dispatch advices)	n..35	DESADV38457	The invoice is rejected if the value does not respect the data dictionary specifications (length and format).
61.	Despatch advice date	DXInvoice/InvoiceLine/DispatchLineReference/ID	D (when the merchandise was delivered with more dispatch advices)	YYYY-MM-DD	2017-02-05	The invoice is rejected if the value does not respect the data dictionary specifications (length and format).
62.	Measurement unit	DXInvoice/InvoiceLine/InvoicedQuantity@unitCode KGM = Kilogram LTR = Litre (1 dm3) PCE = Piece	M	an..3	PCE	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value is different from the following measurement units: <ul style="list-style-type: none"> • KGM • LTR • PCE
63.	Package type	/invoice:DXInvoice/InvoiceLine/Item/AdditionalInformation To be filled in with the "ReturnableMaterialIndicator:" label + "true" or "false" false = unreturnable asset true = returnable asset	M	an..35	ReturnableMaterialIndicator:false	The invoice is rejected if the value does not exist in the invoice.
64.	Unitary price (after discount and with green tax if it is the case)	DXInvoice/InvoiceLine/Price/PriceAmount	M	n..15	12.54	The invoice is rejected if the value does not exist in the invoice.
65.	Discount (percentage)	DXInvoice/InvoiceLine/Note	O (if applicable)	an..200	Discount included in pret, 2%	-

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
66.	Unitary green tax (if applicable)	DXInvoice/InvoiceLine/Note	O (if applicable)	an..200	Taxa verde inclusa in pret = 2.00 RON	-
67.	Total line amount without VAT	DXInvoice/InvoiceLine/LineExtensionAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	120.54	The invoice is rejected if the value does not exist in the invoice.
68.	Line VAT quote (percent)	DXInvoice/InvoiceLine/TaxTotal/TaxSubtotal/Percent	M	n..15	19.00	The invoice is rejected if the value does not exist in the invoice.
69.	Tax Category Code	DXInvoice/InvoiceLine/TaxTotal/TaxSubtotal/TaxCategory/TaxScheme/Name S = standard rate (VAT) B = reversed charge AC = TVA la incasare G = Free export item, tax not charged SDD = scutit cu drept de deducere SFDD = scutit fara drept de deducere	M	Coded	S	The invoice is rejected if the value does not exist in the invoice.
70.	Line VAT amount	DXInvoice/InvoiceLine/TaxTotal/TaxAmount DXInvoice/InvoiceLine/TaxTotal/TaxSubtotal/TaxAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	22.9026	The invoice is rejected if the value does not exist in the invoice.
INVOICE SUMMARY PER VAT QUOTES						
71.	VAT quote (percent)	DXInvoice/Invoice/TaxTotal/TaxSubtotal/Percent	M	n..15	19.00	The invoice is rejected if the value does not exist in the invoice.

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
72.	Tax Category Code	DXInvoice/Invoice/TaxTotal/TaxSubtotal/TaxCategory/TaxScheme/Name S = standard rate (VAT) B = reversed charge AC = TVA la incasare G = Free export item, tax not charged SDD = scutit cu drept de deducere SFDD = scutit fara drept de deducere	M	Coded	S	The invoice is rejected if the value does not exist in the invoice.
73.	Taxable amount per VAT quote	DXInvoice/Invoice/TaxTotal/TaxSubtotal/TaxableAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	1000.00	The invoice is rejected if the value does not exist in the invoice.
74.	VAT amount per VAT quote	DXInvoice/Invoice/TaxTotal/TaxSubtotal/TaxAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	190.00	The invoice is rejected if the value does not exist in the invoice.
	INVOICE TOTALS					
75.	Number of invoice line	DXInvoice/Invoice/LineCountNumeric	M	n..4	5	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. The value is not equal with the number of the effective invoice lines.
73.	Total invoice amount without VAT	DXInvoice/Invoice/LegalMonetaryTotal/TaxExclusiveAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	1000.00	The invoice is rejected if the value does not exist in the invoice.

Nr. crt.	Name	XML field	STATUS	Format	Example	Content control rules
76.	Total invoice VAT amount	DXInvoice/Invoice/TaxTotal/TaxAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	190.00	The invoice is rejected if the value does not exist in the invoice.
77.	Total invoice amount with VAT	DXInvoice/Invoice/LegalMonetaryTotal/TaxInclusiveAmount	M	n..15 In case of negative value, it must be preceded by the minus ("-") sign.	1190.00	The invoice is rejected if one of the following conditions is fulfilled: 1. The value does not exist in the invoice. 2. $\text{abs}(\text{Total invoice amount without VAT} + \text{Total invoice VAT amount} - \text{Total invoice amount with VAT}) > \text{tolerance}$, where tolerance = 0.5 RON for the invoices issued in RON tolerance = 0.1 EUR for the invoices issued in EUR

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