# IDTA 02050

# Purchase Order

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# Table of Contents

# Chapter 1. General

## 1.1. About this document

This document is a part of a specification series. Each part specifies the contents of a Submodel template for the Asset Administration Shell (AAS). The AAS is described in [1], [2], [3] and [6]. First exemplary Submodel contents were described in [4], while the actual format of this document was derived by the "Administration Shell in Practice" [5]. The format aims to be very concise, giving only minimal necessary information for applying a Submodel template, while leaving deeper descriptions and specification of concepts, structures and mapping to the respective documents [1] to [6].

The target group of the specification are developers and editors of technical documentation and manufacturer information, which are describing assets in smart manufacturing by means of the Asset Administration Shell (AAS) and therefore need to create a Submodel instance with a hierarchy of SubmodelElements. This document especially details on the question, which SubmodelElements with which semantic identification shall be used for this purpose.

## 1.2. Scope of the Submodel

The Purchase Order Submodel is designed to enable the interoperable provisioning of information related to a purchase order issued by a buyer / customer to a seller / supplier concerning a specific asset, in alignment with the Asset Administration Shell (AAS) framework. A key element of this submodel is the inclusion of properties [7], ideally enhanced by semantic interoperability through the use of standardized dictionaries such as ECLASS and the IEC Common Data Dictionary (CDD).

The purpose of this document is to specify submodels that allow for the meaningful exchange of asset- related information between partners across the supply chain. It focuses specifically on purchase order processes and the data exchanged during these transactions.

The intended use case is the provision of a standardized data structure for purchase orders. This structure enables the interoperable and unambiguous exchange of essential information, starting from a purchase request, progressing through a quotation, and culminating in the issuance of a formal purchase order.
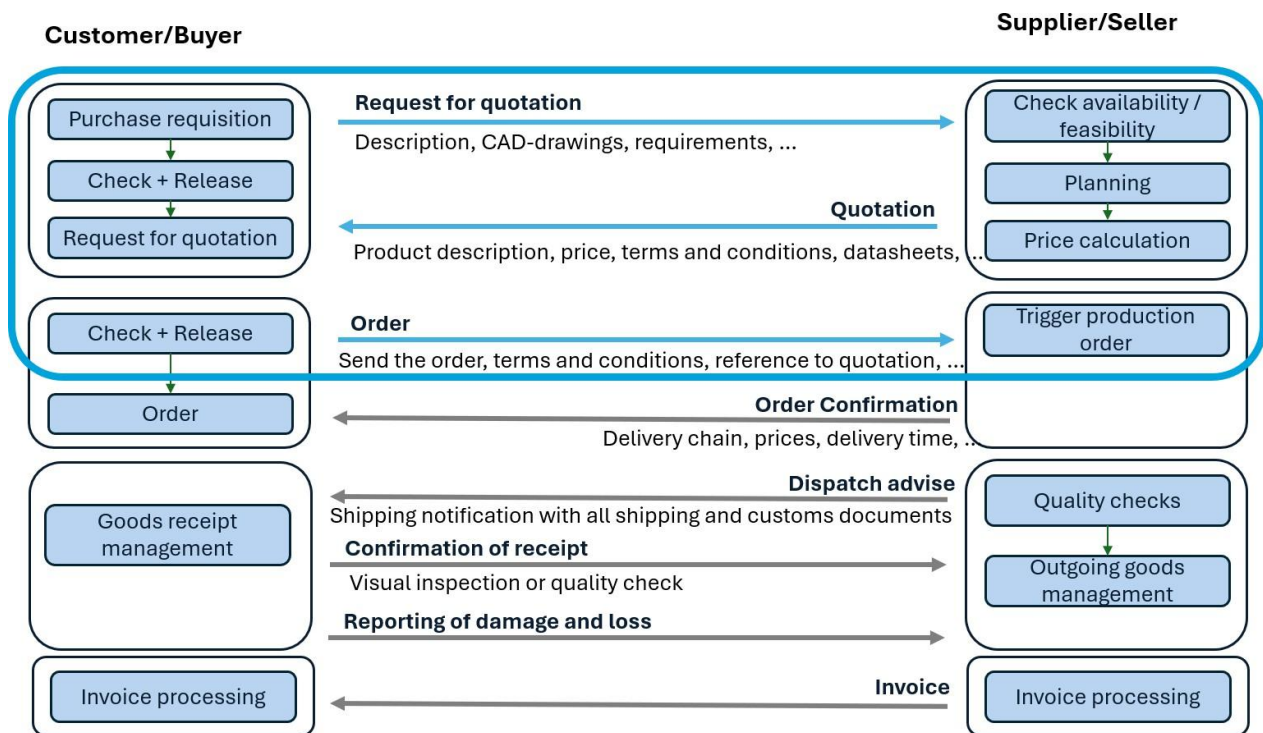
*Figure 1. Overview of the purchase order process and fulfillment. The scope of the Submodel Purchase Order is highlighted in blue.*

Figure 1 provides an overview of the entire purchase order and fulfillment process. The scope of the Purchase Order Submodel is highlighted in blue and includes the request for quotation (also referred to as a purchase request), the quotation, and the purchase order itself. Activities not within the scope of this submodel include shipment and delivery, receipt confirmation, damage and loss reports, and invoicing. However, any relevant information pertaining to these downstream processes—if required during the ordering phase—is considered within the submodel's structure.

The conceptual design of the submodel builds upon existing standards, industry practices, guidelines, and de facto norms, aiming for broad acceptance and applicability.

The Asset Administration Shell (AAS) is utilized to represent information throughout the purchase order process. This includes business-to-business (B2B) transactions in which companies procure production components or resources required for more complex assemblies and products along the value chain.

To support this, the information exchange required for a purchase request, its response (quotation), and the resulting purchase order is standardized. This enables a buyer or customer to order materials, products, or services from one or more sellers or suppliers through a structured, interoperable format. Standardization and interoperability are essential because this information is typically processed by backend systems such as ERP, CRM, and others.

The potential transferability of the submodel to business-to-consumer (B2C) scenarios—where end customers order products—is also considered.

A crucial aspect of seamless order processing is the structured provision of item lists for the requested product, as well as information on the required production resources, delivered in the form of a work plan. Conversely, buyers or customers—such as Original Equipment Manufacturers (OEMs)—often face the challenge of requesting and ordering the production of subcomponents or parts from a broad range of different suppliers.

If a purchase request refers to a non-standard, made-to-order product (i.e., not available off the shelf), manual feasibility checks must often be performed by production planners. These checks can be time- consuming and error-prone, particularly in non-standardized processes or when multiple product variants are involved.

# 1.3. Relevant standards for the Submodel template

Following existing standards in the context of data and information exchange for purchase orders have been considered during the development of the Submodel:

*Table 1. List of exemplary standards defining interoperable properties*

| Standard | Description |
|---|---|
| VDA 4901 | Basic concepts for data exchange in the supply chain V1.0 2019-12, German Association of the Automotive Industry (VDA) [8] |
| IDTA Submodel Generic Frame for Technical Data for Industrial Equipment in Manufacturing | This Submodel template aims at interoperable provision of technical data describing the asset of the respective Asset Administration Shell [9] |
| IDTA Submodel Capability | Submodel to express capability definitions of a production resource, allowing to connect capability definitions and their properties from ontologies/catalogues to executable skills and their parameters [10] |

Data dictionaries are used to identify information elements (see Terms and Definitions of [6]). Such data dictionaries include: • ECLASS, see: https://www.eclasscontent.com/ • IEC CDD, see: https://cdd.iec.ch/cdd/iec61987/iec61987.nsf and https://cdd.iec.ch/cdd/iec62683/cdddev.nsf

In this document, properties are aimed to be described by ECLASS.

# 1.4. Use cases, requirements and design decisions

Purchase orders form the foundation for procuring products, items, raw materials, or services. The purchase order process is a core element of efficient and transparent business operations. It supports cost control, accurate documentation, supplier relationship management, and contributes to the overall financial stability of an organization—making it economically relevant across businesses of all sizes and industries.

Since customer demand typically initiates purchase orders, which in turn trigger the production of goods, purchase orders represent a critical component within the value chain.

There are various standardized formats for digital purchase order processing. The Purchase Order Submodel aims to harmonize these diverse data formats to foster interoperability in Industry 4.0 use cases.

A key design principle of the submodel is to reference existing submodels wherever possible. For instance, descriptive documents related to the order should be stored using the Document Submodel of the asset, ensuring modularity, consistency, and reusability within the Asset Administration Shell (AAS) framework.

**Possible functions and interactions**

Figure 2 provides an overview of the processes between purchase requisition and purchase order in the context of a customer (buyer) interacting with one or more suppliers (sellers).
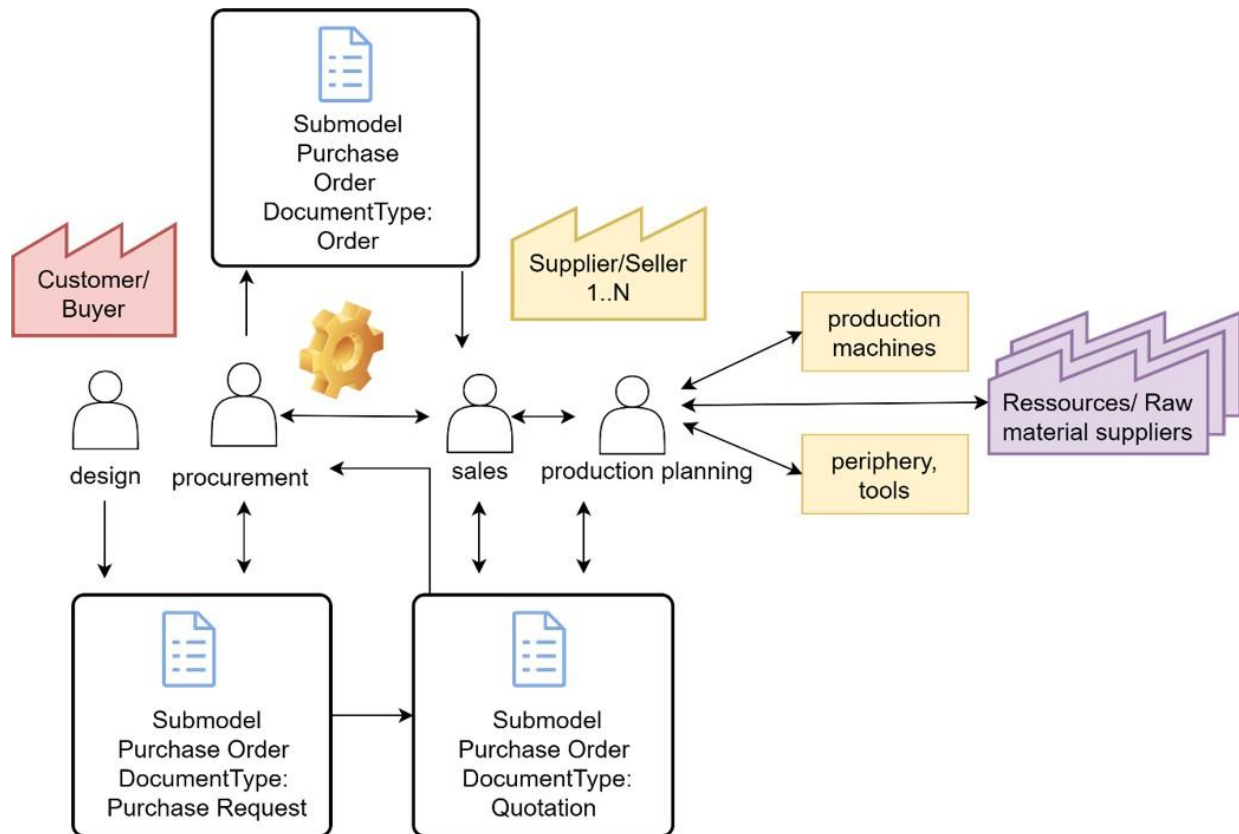
*Figure 2. Overview on the purchase order process with its three types of documents comprised in the submodel Purchase Order: Purchase request*

Typically, a buyer / customer initiates the process by sending a purchase request (also known as a request for quotation) to one or more sellers / suppliers, or by submitting the request via a digital platform.

The supplier(s) use the information provided in the purchase request to assess product availability, perform feasibility checks regarding manufacturing equipment, materials, personnel, and scheduling, calculate pricing, and generate a quotation (purchase request response). This response is then either sent back to the buyer or made accessible through a digital channel.

The buyer reviews the quotation, may enter into negotiations, and upon agreement, finalizes the transaction by creating and submitting a purchase order.

It is important to note that multiple versions of requests, quotations, and purchase orders may exist throughout the process. A quotation may consolidate several purchase requests, and conversely, a single purchase order may combine multiple quotations.

The following three scenarios illustrate different purchase request contexts, depending on the availability and nature of the requested product:

**Scenario 1:** Purchase requests for off-the-shelf or non-configurable products (e.g., items listed in an electronic product catalog). A typical purchase order process for this scenario is illustrated in Figure 3.

**Scenario 2:** Purchase requests where multiple existing products may be suitable, or where the buyer is uncertain which product best meets the requirements (e.g., a pump with specific performance, dimensions, and flow rate). A representative process flow for this case is shown in Figure 4.

**Scenario 3:** Purchase requests for configurable products, which must be designed prior to production and are manufactured only after order confirmation (e.g., customized headlights for a new car model). The corresponding purchase order process is depicted in Figure 5.
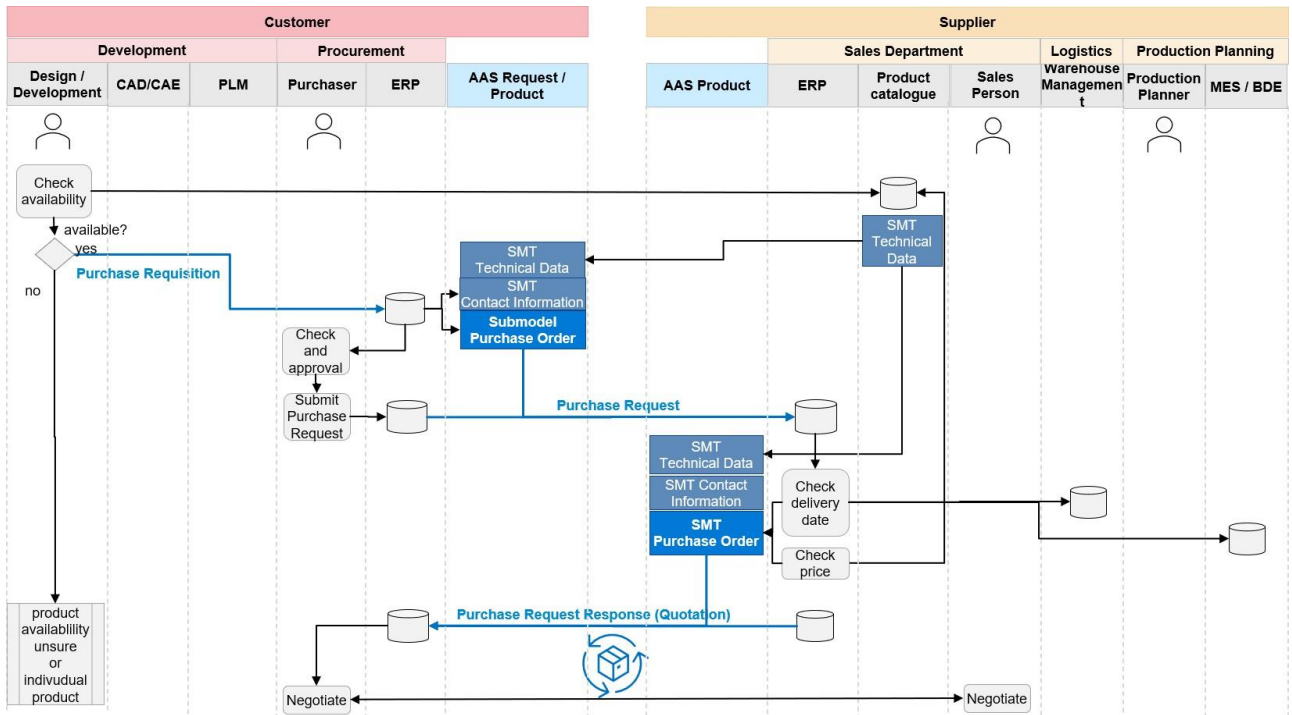
*Figure 3. Process for ordering an out-of-shelf product (Scenario 1)*
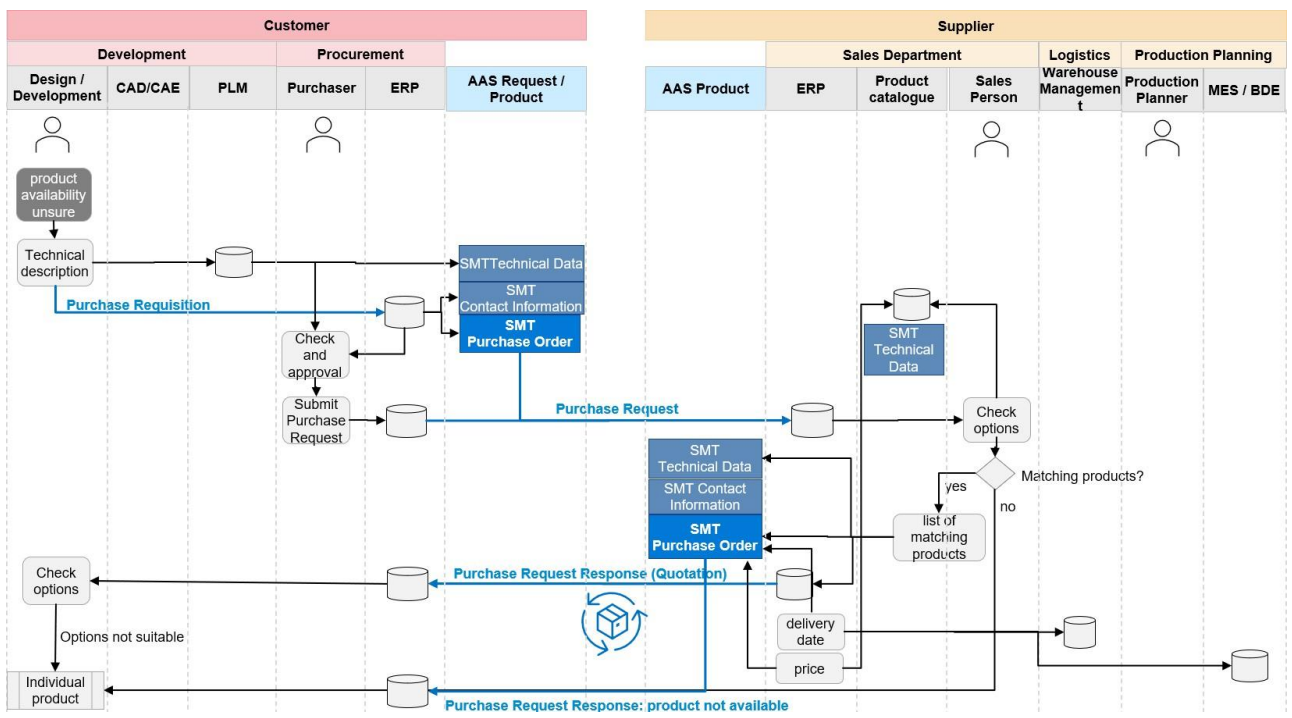


*Figure 4. Purchase request process*
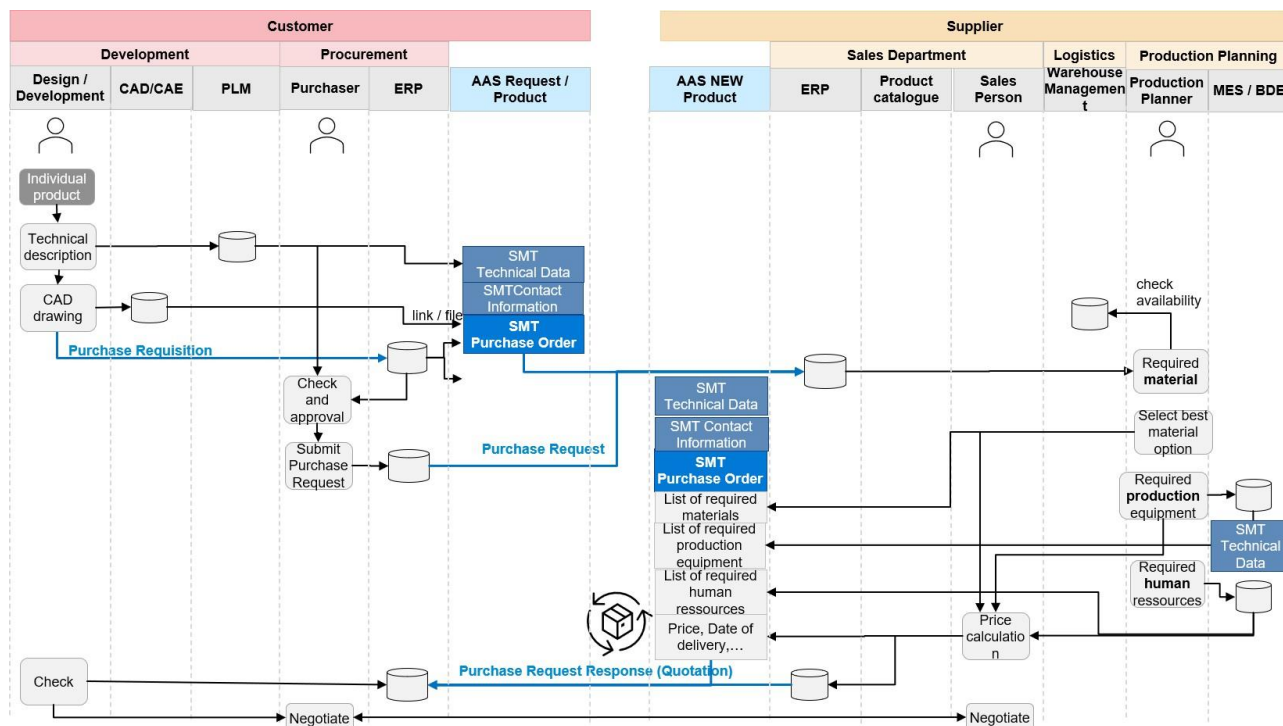
*Figure 5. Purchase request process for individual / not existing products (Scenario 3)*

The process of checking the quotation and creating the purchase order by the customer is the same for all scenarios and is described in Figure 6.
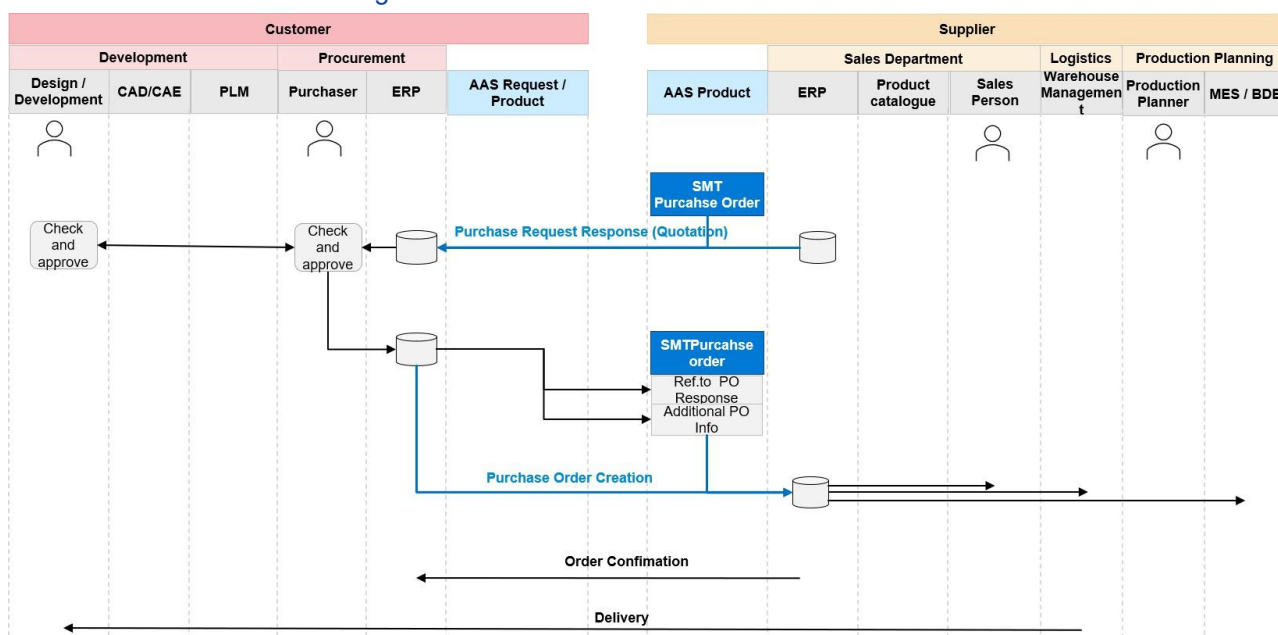


*Figure 6. Process for the purchase order according based on the quotation*

Given the wide variety of purchase process variants in real-world industrial applications, the Purchase Order Submodel Template defines a minimal set of information that is required in most common cases. This design decision aims to reduce the complexity of purchase processes while focusing on interoperability and broad applicability.

To further simplify initial implementations, a core set of mandatory properties is provided. This minimal configuration serves as a starting point for users and implementers, enabling easier integration and faster adoption of the submodel.

**Minimal Use Case Example**

As a demonstrative use case, the purchase of a single gear pump is used in Annex B to illustrate the  practical application of the submodel (Figure 8 and Figure 9). In this straightforward example, the process involves one buyer and one seller, and a minimal set of properties are used.

# Chapter 2. Submodel Purchase Order

## 2.1. Approach

The Purchase Order Submodel is defined based on key aspects recommended in [5] and is organized into several main Submodel Element Collections (SMCs) and Submodel Element Lists (SMLs) to structure the diverse and relevant information in a clear and systematic way.

**Purchase Order Information**

The Submodel Element Collection (SMC) PurchaseOrderInformation represents the header section of the purchase order. It contains essential information about the order itself, such as request numbers (specific to buyer, seller, or intermediary), the request date and version, opening and closing dates, language and currency settings, terms and conditions, as well as general descriptions and remarks.

Additional information that applies to the entire order can also be referenced within this header section. This may include catalogs, Incoterms, business entities, international trade restrictions, special handling classifications, or attached media such as files and documents.

This type of information is organized into separate SMLs, each encompassing a range of properties relevant to their respective topics. These SMLs can also be referenced individually for each item in the OrderItemList (see below), if applicable.

**Tracking Codes**

The Submodel Element List (SML) BuyerTrackingCodeList contains information related to the tracking of the purchase order. It enables the inclusion of scannable codes such as NFC tags, QR codes, or barcodes, supporting seamless traceability and digital referencing throughout the procurement process.

**Delivery Dates**

Delivery dates can be specified directly in the SMC PurchaseOrderInformation header if they apply to the entire order and are not associated with a specific item. If delivery dates vary per item, they should be provided individually within the item list (see below).

**Catalogue References**

The SML CatalogueReferenceList allows items from electronic product catalogs to be referenced.

**Modes of Payment**

Within the SML ModeOfPaymentList, multiple payment methods can be specified—ranging from traditional options like bank accounts and credit cards to company-specific central payment regulations—to support flexible and transparent financial processing.

**Incoterms**

Incoterms (International Commercial Terms) are standardized rules published by the International Chamber of Commerce that define the responsibilities, costs, and risks shared between buyers and sellers in the international shipment of goods. The SML IncotermsList contains the applicable Incoterm conditions, which can either apply to the entire order or to individual items. Each condition is represented as a separate SML Incoterms and can be referenced either in the order header or at the item level.

**International Restrictions**

If international trade restrictions (e.g., bans or embargoes) apply, they can be defined in the SML InternationalRestriction. Multiple restrictions can be structured as SMCs within the SML InternationalRestrictionList.

**Certifications**

Certifications required for the order (e.g., CE, FDA) are defined in the SML RequestedCertificationList, with each individual certification described via the SMC RequestedCertification.

**Special Treatment Classes**

Necessary treatment or handling instructions for delivery (e.g., refrigeration, hazardous goods handling) can be defined in the SML SpecialTreatmentClassList using the property SpecialTreatmentClass.

**Involved Parties**

Within the SMC InvolvedParties, all business perties (e.g., buyer, supplier, manufacturer, agent, carrier) involved in the order and fulfillment process can be described using specific Entities for each party type. These Entities include properties such as relevant reference identifiers, and associated contact information. Each Entity defines the same set of properties.

The concept of Entities is used instead of submodel element lists (SML), as this allows direct access to the information through the entity.

The available Entities are: PartyBuyer (mandatory), PartySupplier (recommended), PartyTrustedThirdParty, PartyCustomer, PartyCarrier, PartyCentralizedSettlemen, PartyShipmentLocation, PartyDocumentCreator, PartyFinalShipmentLocation, PartyIntermediate, PartyInvoicing, PartyInvoiceRecipient, PartyIPPOperator, PartyManufacturer, PartyMarketPlace, PartyPayer, PartyRemittee, PartyStandardizationBody, PartyInternalRoutingLocation, PartyOthers.

It is recommended to use at least PartyBuyer and PartySupplier. The other parties are optional, and only used if necessary.

**Cost Centers**

Cost-related information from the buyer's side is managed via the SML CostCentersList. Each cost center is represented as a SMC CostCenter and contains: cost center code and name, reason code and name, carrier code and name, project number and name, billing center code and name.

**Attached Media**

Media files and documents related to the purchase order can be listed in the SML AttachedMediaList. Each file is described in a SMC Media, which includes:file, mime type, mime purpose and a comment, describing the file.

**Item List**

The items covered by the purchase order are described in the Submodel Element List (SML) OrderItemList. This list includes properties that provide detailed information such as: item IDs, parent items, type and classification of the item (e.g. material, labor, transport, service), stock status, order quantities, content quantity, number of content units per order unit, content quantity in content units, corresponding units, prices, agreements and terms, remarks, delivery requirements.

As outlined above, each item can also include individual references to additional information such as: product catalogs, incoterms, business parties, international restrictions, special treatment classes, attached media can be provided separately.

If needed, delivery dates per item can be specified using the SML DeliveryDateList.

Information regarding the carbon footprint of each item can be included by referencing the Carbon Footprint Submodel.

Various definitions of the product ID can be provided via the SML ListProductIDsBusinessPartners, e.g. GTIN, UPC or product ids specific to supplier, buyer, agent, deliverer, manufacturer. Also, a material number from an ERP system might be provided here.

In addition, scan codes (e.g., barcodes, QR codes, NFC) can be defined in the SML ScanCodesList by specifying the code type and the code value.

Any excluded ingredients (e.g., CFCs) can be listed in the SMC ExcludedIngredientsList to ensure compliance with environmental or regulatory standards.

Besides the mentioned conditions and definitions of the item, a product name, short and long text descriptions for the item can be provided.

The description of technical properties and data (Submodel Generic Frame for Technical Data for Industrial Equipment in Manufacturing or a specific Technical Data Submodel [9]) and/or capabilities (Submodel Capability [10]) should be provided in the AAS of the item and referenced here via the AASItemRefence.

## 2.2. Overview UML model

Figure 7 shows the UML-diagram defining the relevant SubmodelElements.
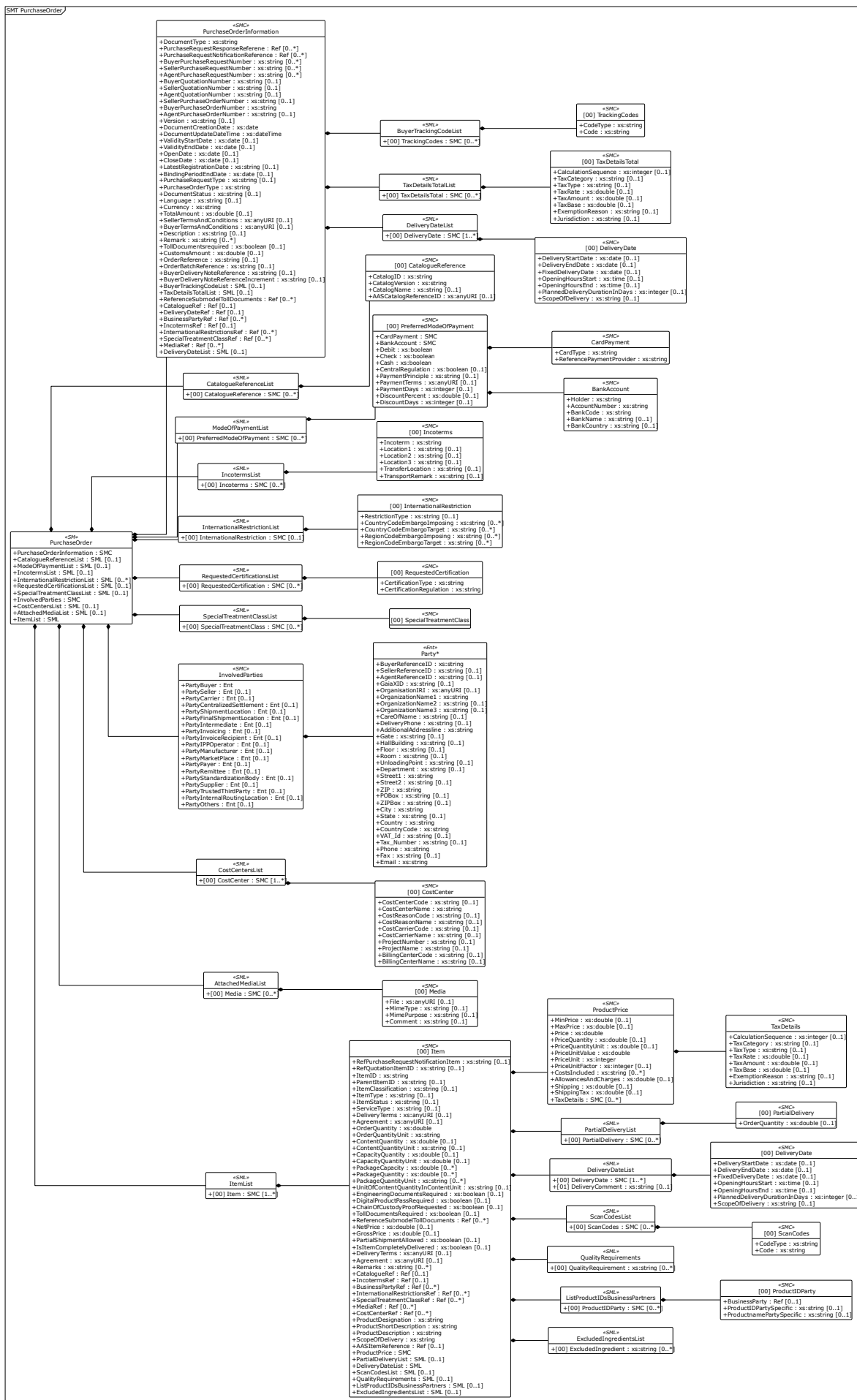
*Figure 7. UML diagram of the Submodel Purchase Order*

# Chapter 3. Information structures and attributes

## 3.1. PurchaseOrder

*Table 2. Elements of Submodel "PurchaseOrder"*

| idShort: | PurchaseOrder | | |
|---|---|---|---|
| **Class:** | Submodel | | |
| **semanticId:** | https://admin-shell.io/idta/SubmodelTemplate/PurchaseOrder/1/0 | | |
| **Parent:** | Asset Administration Shell | | |
| **Explanation:** | The Purchase Order Submodel enables the interoperable provision of information related to a buyer's order from a seller, from the order request through the offer to the order itself. | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>PurchaseOrderInformation | https://admin-shell.io/idta/PurchaseOrder/PurchaseOrderInformation/1/0<br><br><br>General information about the purchase order (Mandatory) | []<br><br>48 elements | 1 |
| [SML]<br><br>CatalogueReferenceList | https://admin-shell.io/idta/PurchaseOrder/CatalogueReferenceList/1/0<br><br><br>List of catalogs to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>ModeOfPaymentList | https://admin-shell.io/idta/PurchaseOrder/ModeOfPaymentList/1/0<br><br><br>List of payment options to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>IncotermsList | https://admin-shell.io/idta/PurchaseOrder/IncotermsList/1/0<br><br><br>List of incoterms conditions to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |

| | PurchaseOrder | | |
|---|---|---|---|
| [SML]<br><br>InternationalR estrictionList | https://admin-shell.io/idta/PurchaseOrder/InternationalRestrictionList/1/0<br><br><br>List of international restrictions to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..* |
| [SML]<br><br>RequestedCert ificationsList | https://admin-shell.io/idta/PurchaseOrder/RequestedCertificationsList/1/0<br><br><br>Liste von Information on necessary certifications or approval regulations The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>SpecialTreatm entClassList | https://admin-shell.io/idta/PurchaseOrder/SpecialTreatmentClassList/1/0<br><br><br>supplementalSemanticId: 0173-1#01-ADR469#005<br><br><br>List of special treatment classes to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |
| [SMC]<br><br>InvolvedPartie s | https://admin-shell.io/idta/PurchaseOrder/InvolvedParties/1/0<br><br>supplementalSemanticId: 0173-1#02-AAQ830#007<br><br><br>Information about a business party. The referencing can be done in the general part or for each item separately. (Mandatory) | []<br><br>19 elements | 1 |
| [SML]<br><br>CostCentersLi st | https://admin-shell.io/idta/PurchaseOrder/CostCentersList/1/0<br><br><br>List of cost centers to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>AttachedMedia List | https://admin-shell.io/idta/PurchaseOrder/AttachedMediaList/1/0<br><br><br>Media attached to the business document, e.g. component sketch, CAD data, to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |

| | **PurchaseOrder** | | |
|---|---|---|---|
| [SML]<br><br>ItemList | https://admin-shell.io/idta/PurchaseOrder/ItemList/1/0<br><br>Bill of material of order (Mandatory) | []<br><br>1 elements | 1 |

## 3.2. PurchaseOrderInformation

Table 3. Elements of SubmodelElementCollection "PurchaseOrderInformation"

| idShort: | PurchaseOrderInformation | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PurchaseOrderInformation/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | General information about the purchase order (Mandatory) | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>DocumentType | https://admin-shell.io/idta/PurchaseOrder/DocumentType/1/0<br><br>Document type: Request for Quotation, Quotation, Order (Mandatory) | [String] | 1 |
| [Ref]<br><br>PurchaseRequestResponseReferene | https://admin-shell.io/idta/PurchaseOrder/PurchaseRequestResponseReferene/1/0<br><br>Reference to the AAS of the offer, can be several if the order combines several offers (Recommended) | [] | 0..* |
| [Ref]<br><br>PurchaseRequestNotificationReference | https://admin-shell.io/idta/PurchaseOrder/PurchaseRequestNotificationReference/1/0<br><br>Reference to the AAS of the order request, can be several if the offer combines different requests (Recommended) | [] | 0..* |
| [Prop]<br><br>BuyerPurchaseRequestNumber | https://admin-shell.io/idta/PurchaseOrder/BuyerPurchaseRequestNumber/1/0<br><br>Purchase request number of the buyer (Optional) | [String] | 0..* |

| [Prop] SellerPurchaseRequestNumber | https://admin-shell.io/idta/PurchaseOrder/SellerPurchaseRequestNumber/1/0  Purchase request number of the seller (Optional) | [String] | 0..* |
|---|---|---|---|
| [Prop] AgentPurchaseRequestNumber | https://admin-shell.io/idta/PurchaseOrder/AgentPurchaseRequestNumber/1/0  Purchase request number of an agent involved (Optional) | [String] | 0..* |
| [Prop] BuyerQuotationNumber | https://admin-shell.io/idta/PurchaseOrder/BuyerQuotationNumber/1/0  Offer number assigned by the buyer (Optional) | [String] | 0..1 |
| [Prop] SellerQuotationNumber | https://admin-shell.io/idta/PurchaseOrder/SellerQuotationNumber/1/0  Offer number assigned by the seller (Optional) | [String] | 0..1 |
| [Prop] AgentQuotationNumber | https://admin-shell.io/idta/PurchaseOrder/AgentQuotationNumber/1/0  Offer number assigned by the agent (Optional) | [String] | 0..1 |
| [Prop] SellerPurchaseOrderNumber | https://admin-shell.io/idta/PurchaseOrder/SellerPurchaseOrderNumber/1/0  supplementalSemanticId: 0173-1#02-AAO689#002,0112/2///61360_4#AAH549  Order number assigned by the buyer (Optional) | [String] | 0..1 |
| [Prop] BuyerPurchaseOrderNumber | https://admin-shell.io/idta/PurchaseOrder/BuyerPurchaseOrderNumber/1/0  supplementalSemanticId: 0173-1#02-ABF517#002,0112/2///61360_4#AAH549  Order number assigned by the seller (Mandatory) | [String] | 1 |

| [Prop]<br><br>AgentPurchas<br>eOrderNumber | https://admin-<br>shell.io/idta/PurchaseOrder/AgentPurchaseOrderNumber/<br>1/0<br><br>supplementalSemanticId: 0112/2///61360_4#AAH549<br><br><br>Order number assigned by the agent (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>Version | https://admin-shell.io/idta/PurchaseOrder/Version/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAP003#004,0112/2///61360_4#ADA004#001<br><br><br>Purchase order request version (Recommended) | [String] | 0..1 |
| [Prop]<br><br>DocumentCrea<br>tionDate | https://admin-<br>shell.io/idta/PurchaseOrder/DocumentCreationDate/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>ABG968#002,0112/2///61360_4#ADA114#001<br><br><br>Date of document (Mandatory) | [Date] | 1 |
| [Prop]<br><br>DocumentUpd<br>ateDateTime | https://admin-<br>shell.io/idta/PurchaseOrder/DocumentUpdateDateTime/1/<br>0<br><br>Date and time of last change (Mandatory) | [DateTime] | 1 |
| [Prop]<br><br>ValidityStartDa<br>te | https://admin-<br>shell.io/idta/PurchaseOrder/ValidityStartDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO284#003<br><br><br>Start date of validity of the quotation (Optional) | [Date] | 0..1 |
| [Prop]<br><br>ValidityEndDat<br>e | https://admin-<br>shell.io/idta/PurchaseOrder/ValidityEndDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO285#003<br><br><br>End date of validity of the quotation (Optional) | [Date] | 0..1 |
| [Prop]<br><br>OpenDate | https://admin-shell.io/idta/PurchaseOrder/OpenDate/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>ABG969#002,0112/2///61360_4#ADA114#001<br><br><br>The date the Purchase Request is open for suppliers to<br>respond (Optional) | [Date] | 0..1 |

| [Prop]<br><br>CloseDate | https://admin-shell.io/idta/PurchaseOrder/CloseDate/1/0<br><br>supplementalSemanticId: 0173-1#02-ABG970#002<br><br>The date the Purchase request is closed for supplier responses (Optional) | [Date] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>LatestRegistrationDate | https://admin-shell.io/idta/PurchaseOrder/LatestRegistrationDate/1/0<br><br>The latest date of registration of a bidder in a bidding process (Optional) | [String] | 0..1 |
| [Prop]<br><br>BindingPeriodEndDate | https://admin-shell.io/idta/PurchaseOrder/BindingPeriodEndDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAR969#003<br><br>Binding period validity end date (Optional) | [Date] | 0..1 |
| [Prop]<br><br>PurchaseRequestType | https://admin-shell.io/idta/PurchaseOrder/PurchaseRequestType/1/0<br><br>Type of purchase request (new, update, delete) (Optional) | [String] | 0..1 |
| [Prop]<br><br>PurchaseOrderType | https://admin-shell.io/idta/PurchaseOrder/PurchaseOrderType/1/0<br><br>Type of order. Possible values: regular, release, blanket, stockTransport, stockTransportRelease (Mandatory) | [String] | 1 |
| [Prop]<br><br>DocumentStatus | https://admin-shell.io/idta/PurchaseOrder/DocumentStatus/1/0<br><br>The status of the order. Possible values: accept, reject, update, final (Recommended) | [String] | 0..1 |
| [Prop]<br><br>Language | https://admin-shell.io/idta/PurchaseOrder/Language/1/0<br><br>supplementalSemanticId: 0173-1#02-ABG936#002<br><br>Specification of used language: the default language of all language-dependent information (Recommended) | [String] | 0..1 |
| [Prop]<br><br>Currency | https://admin-shell.io/idta/PurchaseOrder/Currency/1/0<br><br>supplementalSemanticId: 0173-1#02-AAP006#002<br><br>The currency used. Must be a three-letter ISO currency code. (Mandatory) | [String] | 1 |

| [Prop]<br><br>TotalAmount | https://admin-shell.io/idta/PurchaseOrder/TotalAmount/1/0<br><br>Total price amount of the quotation (Optional) | [Double] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>SellerTermsAndConditions | https://admin-shell.io/idta/PurchaseOrder/SellerTermsAndConditions/1/0<br><br>General terms and conditions of seller (Optional) | [AnyUri] | 0..1 |
| [Prop]<br><br>BuyerTermsAndConditions | https://admin-shell.io/idta/PurchaseOrder/BuyerTermsAndConditions/1/0<br><br>General terms and conditions of buyer (Optional) | [AnyUri] | 0..1 |
| [Prop]<br><br>Description | https://admin-shell.io/idta/PurchaseOrder/Description/1/0<br><br>supplementalSemanticId: 0173-1#02-AAQ842#008<br><br>Description of the purchase request notification, quotation or created order (Recommended) | [String] | 0..1 |
| [Prop]<br><br>Remark | https://admin-shell.io/idta/PurchaseOrder/Remark/1/0<br><br>supplementalSemanticId: 0173-1#02-ABJ035#001<br><br>Remark related to a business document (Optional) | [String] | 0..* |
| [Prop]<br><br>TollDocumentsrequired | https://admin-shell.io/idta/PurchaseOrder/TollDocumentsrequired/1/0<br><br>Boolean value, indicating whether toll documents are required (Optional) | [Boolean] | 0..1 |
| [Prop]<br><br>CustomsAmount | https://admin-shell.io/idta/PurchaseOrder/CustomsAmount/1/0<br><br>Total customs amount of the quotation (Optional) | [Double] | 0..1 |
| [Prop]<br><br>OrderReference | https://admin-shell.io/idta/PurchaseOrder/OrderReference/1/0<br><br>Order reference (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrderBatchReference | https://admin-shell.io/idta/PurchaseOrder/OrderBatchReference/1/0<br><br>Order batch reference (Optional) | [String] | 0..1 |

| [Prop] BuyerDelivery NoteReference | https://admin-shell.io/idta/PurchaseOrder/BuyerDeliveryNoteReference/1/0<br><br>Package identification required by buyer (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] BuyerDelivery NoteReference Increment | https://admin-shell.io/idta/PurchaseOrder/BuyerDeliveryNoteReferenceIncrement/1/0<br><br>Delivery note number increment required by the buyer, e.g. two additional digits (Optional) | [String] | 0..1 |
| [SML] BuyerTracking CodeList | https://admin-shell.io/idta/PurchaseOrder/BuyerTrackingCodeList/1/0<br><br>List of scan codes, e.g. barcodes (Optional) | []<br><br>1 elements | 0..1 |
| [SML] TaxDetailsTota lList | https://admin-shell.io/idta/PurchaseOrder/TaxDetailsTotalList/1/0<br><br>List of tax details of the total offer (Optional) | []<br><br>1 elements | 0..1 |
| [Ref] ReferenceSub modelTollDocu ments | https://admin-shell.io/idta/PurchaseOrder/ReferenceSubmodelTollDocuments/1/0<br><br>Reference to submodel which describes a toll document (Optional) | [] | 0..* |
| [Ref] CatalogueRef | https://admin-shell.io/idta/PurchaseOrder/CatalogueRef/1/0<br><br>Reference to a catalog entry defined in the SMC CatalogReferenceList (Optional) | [] | 0..1 |
| [Ref] DeliveryDateR ef | https://admin-shell.io/idta/PurchaseOrder/DeliveryDateRef/1/0<br><br>Reference to a delivery period (Optional) | [] | 0..1 |
| [Ref] BusinessParty Ref | https://admin-shell.io/idta/PurchaseOrder/BusinessPartyRef/1/0<br><br>Reference to a business party, e.q. shipment company defined in the SMC PartiesList. Can be referenced in the general part or in the item. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |

| [Ref]<br><br>IncotermsRef | https://admin-shell.io/idta/PurchaseOrder/IncotermsRef/1/0<br><br>Reference to Incoterms provisions defined in the SMC IncotermsList. Can be referenced in the general part or in the item. (Optional) | [] | 0..1 |
|---|---|---|---|
| [Ref]<br><br>InternationalRestrictionsRef | https://admin-shell.io/idta/PurchaseOrder/InternationalRestrictionsRef/1/0<br><br>Reference to international restrictions defined in the SMC InternationalRestrictionsList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Ref]<br><br>SpecialTreatmentClassRef | https://admin-shell.io/idta/PurchaseOrder/SpecialTreatmentClassRef/1/0<br><br>Reference to a special treatment of goods defined in the SMC SpecialTreatmentList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Ref]<br><br>MediaRef | https://admin-shell.io/idta/PurchaseOrder/MediaRef/1/0<br><br>Reference to a file attachment defined in the SMC MediaList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [SML]<br><br>DeliveryDateList | https://admin-shell.io/idta/PurchaseOrder/DeliveryDateList/1/0<br><br>List of delivery periods to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>1 elements | 0..1 |

# 3.3. BuyerTrackingCodeList

*Table 4. Elements of SubmodelElementList "BuyerTrackingCodeList"*

| idShort: | BuyerTrackingCodeList |
|---|---|
| Class: | SubmodelElementList |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/BuyerTrackingCodeList/1/0 |
| Parent: | PurchaseOrderInformation |
| Explanation: | List of scan codes, e.g. barcodes (Optional) |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection |

| [SME type] idShort | semanticId  Description@en | [valueType]  example | card. |
|---|---|---|---|
| [SMC]  TrackingCodes | https://admin-shell.io/idta/PurchaseOrder/TrackingCodes/1/0  Scan code information (Optional) | []  2 elements | 0..* |

## 3.4. TrackingCodes

*Table 5. Elements of SubmodelElementCollection "TrackingCodes"*

| idShort: | TrackingCodes | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/TrackingCodes/1/0 | | |
| **Parent:** | BuyerTrackingCodeList | | |
| **Explanation:** | Scan code information (Optional) | | |
| **Element details:** | - | | |
| [SME type] idShort | semanticId  Description@en | [valueType]  example | card. |
| [Prop]  CodeType | https://admin-shell.io/idta/PurchaseOrder/CodeType/1/0  Typ of the Scancode, e.g. NFC, QR-Code, Bar-Code (Mandatory) | [String] | 1 |
| [Prop]  Code | https://admin-shell.io/idta/PurchaseOrder/Code/1/0  Alpha-numeric code (Mandatory) | [String] | 1 |

## 3.5. TaxDetailsTotalList

*Table 6. Elements of SubmodelElementList "TaxDetailsTotalList"*

| idShort: | TaxDetailsTotalList |
|---|---|
| **Class:** | SubmodelElementList |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/TaxDetailsTotalList/1/0 |
| **Parent:** | PurchaseOrderInformation |
| **Explanation:** | List of tax details of the total offer (Optional) |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection |

| [SME type]  idShort | semanticId  Description@en | [valueType]  example | card. |
|---|---|---|---|
| [SMC]  TaxDetailsTotal | https://admin-shell.io/idta/PurchaseOrder/TaxDetailsTotal/1/0  Summary of tax details of the quotation (Optional) | []  8 elements | 0..* |

## 3.6. TaxDetailsTotal

*Table 7. Elements of SubmodelElementCollection "TaxDetailsTotal"*

| idShort: | TaxDetailsTotal |
|---|---|
| Class: | SubmodelElementCollection |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/TaxDetailsTotal/1/0 |
| Parent: | TaxDetailsTotalList |
| Explanation: | Summary of tax details of the quotation (Optional) |
| Element details: | - |

| [SME type]  idShort | semanticId  Description@en | [valueType]  example | card. |
|---|---|---|---|
| [Prop]  CalculationSequence | https://admin-shell.io/idta/PurchaseOrder/CalculationSequence /1/0  Determines the sequence for applying multiple taxes to a basis. The taxes must be applied beginning with the lowest value in the sequence. The tax with the lowest sequence will be calculated first, then follows the tax with the next higher sequence, and so on. If two taxes have the same sequence, both tax factors must be added prior to calculation. (Optional) | [Integer] | 0..1 |
| [Prop]  TaxCategory | https://admin-shell.io/idta/PurchaseOrder/TaxCategory /1/0  Specifies the tax category as a code. By this it is possible to define the tax not as an absolute value, but as the currently valid percentage. The specification should take place, if possible, by using a common code. (Optional) | [String] | 0..1 |
| [Prop]  TaxType | https://admin-shell.io/idta/PurchaseOrder/TaxType /1/0  Tax type, by using internationally accepted terms, such as VAT for value added tax. (Optional) | [String] | 0..1 |

| [Prop]<br><br>TaxRate | https://admin-shell.io/idta/PurchaseOrder/TaxRate /1/0<br><br>supplementalSemanticId: 0173-1#02-AAO290#003<br><br>Factor for tax applicable to this price (Optional) | [Double] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>TaxAmount | https://admin-shell.io/idta/PurchaseOrder/TaxAmount /1/0<br><br>Total amount of the tax to be paid. (Optional) | [Double] | 0..1 |
| [Prop]<br><br>TaxBase | https://admin-shell.io/idta/PurchaseOrder/TaxBase /1/0<br><br>If used this element specifies the base for the caluclation of the tax (Optional) | [Double] | 0..1 |
| [Prop]<br><br>ExemptionReason | https://admin-shell.io/idta/PurchaseOrder/ExemptionReason /1/0<br><br>This element gives the reason why the tax is an exemption from the norm (Optional) | [String] | 0..1 |
| [Prop]<br><br>Jurisdiction | https://admin-shell.io/idta/PurchaseOrder/Jurisdiction/1/0<br><br>Jurisdiction for the tax (Optional) | [String] | 0..1 |

# 3.7. DeliveryDateList

*Table 8. Elements of SubmodelElementList "DeliveryDateList"*

| idShort: | DeliveryDateList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/DeliveryDateList/1/0 | | |
| **Parent:** | PurchaseOrderInformation | | |
| **Explanation:** | List of delivery periods to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [SMC]<br><br>DeliveryDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryDate/1/0<br><br>Information about the delivery date. Referencing can be done in the general part or for each article separately. (Mandatory) | []<br><br>7 elements | 1..* |

## 3.8. DeliveryDate

*Table 9. Elements of SubmodelElementCollection "DeliveryDate"*

| idShort: | DeliveryDate | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/DeliveryDate/1/0 | | |
| Parent: | DeliveryDateList | | |
| Explanation: | Information about the delivery date. Referencing can be done in the general part or for each article separately. (Mandatory) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>DeliveryStartDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryStartDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO257#003,0112/2///61360_4#ADA114#001<br><br>Unique date for the start of the delivery period. If an exact delivery date has to be determined, DeliveryStartDate = DeliveryEndDate is set. (Optional) | [Date] | 0..1 |
| [Prop]<br><br>DeliveryEndDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryEndDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO258#003,0112/2///61360_4#ADA114#001<br><br>Unique date for the end of the delivery period. If an exact delivery date has to be determined, DeliveryStartDate = DeliveryEndDate is set. (Optional) | [Date] | 0..1 |
| [Prop]<br><br>FixedDelivery Date | https://admin-shell.io/idta/PurchaseOrder/FixedDeliveryDate/1/0<br><br>The date given is to be interpreted by the recipient as a fixed specified delivery date. (Optional) | [Date] | 0..1 |
| [Prop]<br><br>OpeningHours Start | https://admin-shell.io/idta/PurchaseOrder/OpeningHoursStart/1/0<br><br>Time at the start of regular opening hours on working days. (Optional) | [Time] | 0..1 |

| [Prop]<br><br>OpeningHours<br>End | https://admin-shell.io/idta/PurchaseOrder/OpeningHoursEnd/1/0<br><br>Time at the end of regular opening hours on working days. (Optional) | [Time] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>PlannedDelive<br>ryDurationInDa<br>ys | https://admin-shell.io/idta/PurchaseOrder/PlannedDeliveryDurationInDays/1/0<br><br>Planned delivery time after receipt of purchase order in days (Optional) | [Integer] | 0..1 |
| [Prop]<br><br>ScopeOfDelive<br>ry | https://admin-shell.io/idta/PurchaseOrder/ScopeOfDelivery/1/0<br><br>Description of the scope of the delivery (Optional) | [String] | 0..1 |

# 3.9. CatalogueReferenceList

*Table 10. Elements of SubmodelElementList "CatalogueReferenceList"*

| idShort: | CatalogueReferenceList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/CatalogueReferenceList/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | List of catalogs to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>CatalogueRefe<br>rence | https://admin-shell.io/idta/PurchaseOrder/CatalogueReference/1/0<br><br>Information about a catalog to reference in the business document. Cam also be used as a reference to a proce list. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>4 elements | 0..* |

# 3.10. CatalogueReference

*Table 11. Elements of SubmodelElementCollection "CatalogueReference"*

| idShort: | CatalogueReference |
|---|---|

| Class: | SubmodelElementCollection |
|---|---|
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/CatalogueReference/1/0 |
| Parent: | CatalogueReferenceList |
| Explanation: | Information about a catalog to reference in the business document. Cam also be used as a reference to a proce list. The referencing can be done in the general part or for each item separately. (Optional) |
| Element details: | - |

| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
|---|---|---|---|
| [Prop]<br><br>CatalogID | https://admin-shell.io/idta/PurchaseOrder/CatalogID/1/0<br><br>Unique catalog identification. This ID is usually assigned by the supplier when the catalog is generated and remains unchanged throughout the entire lifecycle of the catalog. (Mandatory) | [String] | 1 |
| [Prop]<br><br>CatalogVersio<br>n | https://admin-shell.io/idta/PurchaseOrder/CatalogVersion/1/0<br><br>Version number of the catalog. (Mandatory) | [String] | 1 |
| [Prop]<br><br>CatalogName | https://admin-shell.io/idta/PurchaseOrder/CatalogName/1/0<br><br>Name of the catalogue (Optional) | [String] | 0..1 |
| [Prop]<br><br>AASCatalogRe<br>ferenceID | https://admin-shell.io/idta/PurchaseOrder/AASCatalogReferenceID/1/0<br><br>Base ID of an AAS that represents the catalog (Optional) | [AnyUri] | 0..1 |

# 3.11. ModeOfPaymentList

*Table 12. Elements of SubmodelElementList "ModeOfPaymentList"*

| idShort: | ModeOfPaymentList |
|---|---|
| Class: | SubmodelElementList |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/ModeOfPaymentList/1/0 |
| Parent: | PurchaseOrder |
| Explanation: | List of payment options to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection |

| [SME type] | semanticId | [valueType] | card. |
|---|---|---|---|
| idShort | Description@en | example | |
| [SMC]<br><br>PreferredMode<br>OfPayment | https://admin-shell.io/idta/PurchaseOrder/PreferredModeOfPayment/1/0<br><br>Information about a payment method. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>11 elements | 0..* |

## 3.12. PreferredModeOfPayment

*Table 13. Elements of SubmodelElementCollection "PreferredModeOfPayment"*

| idShort: | PreferredModeOfPayment | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PreferredModeOfPayment/1/0 | | |
| **Parent:** | ModeOfPaymentList | | |
| **Explanation:** | Information about a payment method. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>CardPayment | https://admin-shell.io/idta/PurchaseOrder/CardPayment/1/0<br><br>Use of credit cards, purchase cards etc (Mandatory) | []<br><br>2 elements | 1 |
| [SMC]<br><br>BankAccount | https://admin-shell.io/idta/PurchaseOrder/BankAccount/1/0<br><br>Bank account details (Mandatory) | []<br><br>5 elements | 1 |
| [Prop]<br><br>Debit | https://admin-shell.io/idta/PurchaseOrder/Debit/1/0<br><br>The element Debit specifies the credit note procedure as payment system. (Mandatory) | [Boolean] | 1 |
| [Prop]<br><br>Check | https://admin-shell.io/idta/PurchaseOrder/Check/1/0<br><br>The element Check specifies paying by check as payment system (Mandatory) | [Boolean] | 1 |

| [Prop] Cash | https://admin-shell.io/idta/PurchaseOrder/Cash/1/0 <br><br> The element Cash specifies cash payment as payment system (Mandatory) | [Boolean] | 1 |
|---|---|---|---|
| [Prop] CentralRegulat ion | https://admin-shell.io/idta/PurchaseOrder/CentralRegulation/1/0 <br><br> Indicates if the payment process is transacted via a centralized settlement (Optional) | [Boolean] | 0..1 |
| [Prop] PaymentPrinci ple | https://admin-shell.io/idta/PurchaseOrder/PaymentPrinciple/1/0 <br><br> Information about the payment principle, e.g. pre-payment, payment on delivery, partial payment (Optional) | [String] | 0..1 |
| [Prop] PaymentTerms | https://admin-shell.io/idta/PurchaseOrder/PaymentTerms/1/0 <br><br> Information to payment terms (Optional) | [AnyUri] | 0..1 |
| [Prop] PaymentDays | https://admin-shell.io/idta/PurchaseOrder/PaymentDays/1/0 <br><br> Number of days within which payment has to be made. (Optional) | [Integer] | 0..1 |
| [Prop] DiscountPerce nt | https://admin-shell.io/idta/PurchaseOrder/DiscountPercent/1/0 <br><br> Percentage for cash discount (Optional) | [Double] | 0..1 |
| [Prop] DiscountDays | https://admin-shell.io/idta/PurchaseOrder/DiscountDays/1/0 <br><br> Validity period for cash discount (Optional) | [Integer] | 0..1 |

# 3.13. CardPayment

*Table 14. Elements of SubmodelElementCollection "CardPayment"*

| idShort: | CardPayment |
|---|---|
| Class: | SubmodelElementCollection |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/CardPayment/1/0 |
| Parent: | PreferredModeOfPayment |
| Explanation: | Use of credit cards, purchase cards etc (Mandatory) |

| Element details: | - | | |
|---|---|---|---|
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>CardType | https://admin-shell.io/idta/PurchaseOrder/CardType/1/0<br><br>The type of the credit or purchasing card (Mandatory) | [String] | 1 |
| [Prop]<br><br>ReferencePaymentProvider | https://admin-shell.io/idta/PurchaseOrder/ReferencePaymentProvider/1/0<br><br>Reference to a payment provider that processes card payments (Mandatory) | [String] | 1 |

# 3.14. BankAccount

*Table 15. Elements of SubmodelElementCollection "BankAccount"*

| **idShort:** | **BankAccount** | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/BankAccount/1/0 | | |
| **Parent:** | PreferredModeOfPayment | | |
| **Explanation:** | Bank account details (Mandatory) | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>Holder | https://admin-shell.io/idta/PurchaseOrder/Holder/1/0<br><br>Name of the account holder (Mandatory) | [String] | 1 |
| [Prop]<br><br>AccountNumber | https://admin-shell.io/idta/PurchaseOrder/AccountNumber/1/0<br><br>Code to identify a bank account (Mandatory) | [String] | 1 |
| [Prop]<br><br>BankCode | https://admin-shell.io/idta/PurchaseOrder/BankCode/1/0<br><br>Bank identification number (Mandatory) | [String] | 1 |

| [Prop]<br><br>BankName | https://admin-shell.io/idta/PurchaseOrder/BankName/1/0<br><br>Name of the bank (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>BankCountry | https://admin-shell.io/idta/PurchaseOrder/BankCountry/1/0<br><br>Country in which the bank account is managed. (Optional) | [String] | 0..1 |

## 3.15. IncotermsList

*Table 16. Elements of SubmodelElementList "IncotermsList"*

| idShort: | IncotermsList | | |
|---|---|---|---|
| Class: | SubmodelElementList | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/IncotermsList/1/0 | | |
| Parent: | PurchaseOrder | | |
| Explanation: | List of incoterms conditions to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>Incoterms | https://admin-shell.io/idta/PurchaseOrder/Incoterms/1/0<br><br>Information about an incoterms condition. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>6 elements | 0..* |

## 3.16. Incoterms

*Table 17. Elements of SubmodelElementCollection "Incoterms"*

| idShort: | Incoterms |
|---|---|
| Class: | SubmodelElementCollection |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/Incoterms/1/0 |
| Parent: | IncotermsList |
| Explanation: | Information about an incoterms condition. The referencing can be done in the general part or for each item separately. (Optional) |
| Element details: | - |

| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
|---|---|---|---|
| [Prop] Incoterm | https://admin-shell.io/idta/PurchaseOrder/Incoterm/1/0 supplementalSemanticId: 0173-1#02-AAO280#003 International coding of transport, costs and insurance according to INCOTERMS 2000, UN/ECE, Recommendation No. 5 (ECE/TRADE/259) (Mandatory) | [String] | 1 |
| [Prop] Location1 | https://admin-shell.io/idta/PurchaseOrder/Location1/1/0 Location of supplier (Optional) | [String] | 0..1 |
| [Prop] Location2 | https://admin-shell.io/idta/PurchaseOrder/Location2/1/0 Location of buyer (Optional) | [String] | 0..1 |
| [Prop] Location3 | https://admin-shell.io/idta/PurchaseOrder/Location3/1/0 Toll relevant shipping location (Optional) | [String] | 0..1 |
| [Prop] TransferLocati on | https://admin-shell.io/idta/PurchaseOrder/TransferLocation/1/0 Transfer of goods from supplier to buyer or vice versa. (Optional) | [String] | 0..1 |
| [Prop] TransportRem ark | https://admin-shell.io/idta/PurchaseOrder/TransportRemark/1/0 Note on the type of transport (Optional) | [String] | 0..1 |

## 3.17. InternationalRestrictionList

*Table 18. Elements of SubmodelElementList "InternationalRestrictionList"*

| idShort: | InternationalRestrictionList |
|---|---|
| Class: | SubmodelElementList |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/InternationalRestrictionList/1/0 |
| Parent: | PurchaseOrder |
| Explanation: | List of international restrictions to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection |

| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
|---|---|---|---|
| [SMC] InternationalRestriction | https://admin-shell.io/idta/PurchaseOrder/InternationalRestriction/1/0<br><br>supplementalSemanticId: 0173-1#02-AAQ854#008<br><br>Information about an international restriction. The referencing can be done in the general part or for each item separately. (Optional) | []<br>5 elements | 0..1 |

## 3.18. InternationalRestriction

*Table 19. Elements of SubmodelElementCollection "InternationalRestriction"*

| idShort: | InternationalRestriction | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/InternationalRestriction/1/0 | | |
| Parent: | InternationalRestrictionList | | |
| Explanation: | Information about an international restriction. The referencing can be done in the general part or for each item separately. (Optional) | | |
| Element details: | - | | |
| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
| [Prop] RestrictionType | https://admin-shell.io/idta/PurchaseOrder/RestrictionType/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO274#006<br><br>Type of international delivery restriction, e.g. embargo (Optional) | [String] | 0..1 |
| [Prop] CountryCodeEmbargoImposing | https://admin-shell.io/idta/PurchaseOrder/CountryCodeEmbargoImposing/1/0<br><br>Country which is imposing the restriction (Optional) | [String] | 0..* |
| [Prop] CountryCodeEmbargoTarget | https://admin-shell.io/idta/PurchaseOrder/CountryCodeEmbargoTarget/1/0<br><br>Target country of the restriction (Optional) | [String] | 0..* |

| [Prop]<br><br>RegionCodeEmbargoImposing | https://admin-shell.io/idta/PurchaseOrder/RegionCodeEmbargoImposing/1/0<br><br>Region which is imposing the restriction (Optional) | [String] | 0..* |
|---|---|---|---|
| [Prop]<br><br>RegionCodeEmbargoTarget | https://admin-shell.io/idta/PurchaseOrder/RegionCodeEmbargoTarget/1/0<br><br>Target region of the restriction (Optional) | [String] | 0..* |

# 3.19. RequestedCertificationsList

*Table 20. Elements of SubmodelElementList "RequestedCertificationsList"*

| idShort: | RequestedCertificationsList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/RequestedCertificationsList/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | Liste von Information on necessary certifications or approval regulations The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>RequestedCertification | https://admin-shell.io/idta/PurchaseOrder/RequestedCertification/1/0<br><br>Information on necessary certifications or approval regulations The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>2 elements | 0..* |

# 3.20. RequestedCertification

*Table 21. Elements of SubmodelElementCollection "RequestedCertification"*

| idShort: | RequestedCertification |
|---|---|
| **Class:** | SubmodelElementCollection |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/RequestedCertification/1/0 |
| **Parent:** | RequestedCertificationsList |
| **Explanation:** | Information on necessary certifications or approval regulations The referencing can be done in the general part or for each item separately. (Optional) |

| Element details: | - | | |
|---|---|---|---|
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [Prop]<br><br>CertificationTy pe | https://admin-shell.io/idta/PurchaseOrder/CertificationType/1/0<br><br>Type of certification or approval requirement (Mandatory) | [String] | 1 |
| [Prop]<br><br>CertificationRe gulation | https://admin-shell.io/idta/PurchaseOrder/CertificationRegulation/1/0<br><br>supplementalSemanticId: 0173-1#02-ABI472#002,0112/2///61360_4#ADA098#001<br><br>Specific name of the certification or approval requirement (Mandatory) | [String] | 1 |

# 3.21. SpecialTreatmentClassList

*Table 22. Elements of SubmodelElementList "SpecialTreatmentClassList"*

| idShort: | **SpecialTreatmentClassList** | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/SpecialTreatmentClassList/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | List of special treatment classes to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [SMC]<br><br>SpecialTreatm entClass | https://admin-shell.io/idta/PurchaseOrder/SpecialTreatmentClass/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO270#003<br><br>Kurzbezeichnung für das Sonderbehandlungsreglement, z.B. GGVS (Gefahrgutverordnung Straße) (Optional) | []<br><br>0 elements | 0..* |

# 3.22. InvolvedParties

*Table 23. Elements of SubmodelElementCollection "InvolvedParties"*

| idShort: | InvolvedParties | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/InvolvedParties/1/0 | | |
| Parent: | PurchaseOrder | | |
| Explanation: | Information about a business party. The referencing can be done in the general part or for each item separately. (Mandatory) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Ent]<br><br>PartyBuyer | https://admin-shell.io/idta/PurchaseOrder/PartyBuyer/1/0<br><br>Information on Buyer Party | [] | 1 |
| [Ent]<br><br>PartySeller | https://admin-shell.io/idta/PurchaseOrder/PartySeller/1/0<br><br>Information on Seller Party | [] | 0..1 |
| [Ent]<br><br>PartyCarrier | https://admin-shell.io/idta/PurchaseOrder/PartyCarrier/1/0<br><br>Information on Carrier | [] | 0..1 |
| [Ent]<br><br>PartyCentralizedSettlement | https://admin-shell.io/idta/PurchaseOrder/PartyCentralizedSettlement/1/0<br><br>Information on Centralized Settlement | [] | 0..1 |
| [Ent]<br><br>PartyShipmentLocation | https://admin-shell.io/idta/PurchaseOrder/PartyShipmentLocation /1/0<br><br>Information on Shipment Location | [] | 0..1 |
| [Ent]<br><br>PartyFinalShipmentLocation | https://admin-shell.io/idta/PurchaseOrder/PartyFinalShipmentLocation/1/0<br><br>Information on Final shipment location | [] | 0..1 |
| [Ent]<br><br>PartyIntermediate | https://admin-shell.io/idta/PurchaseOrder/PartyIntermediate /1/0<br><br>Information on Intermediate | [] | 0..1 |

| [Ent] PartyInvoicing | https://admin-shell.io/idta/PurchaseOrder/PartyInvoicing/1/0<br><br>Information on Invoicing party | [] | 0..1 |
|---|---|---|---|
| [Ent] PartyInvoiceRecipient | https://admin-shell.io/idta/PurchaseOrder/PartyInvoiceRecipient /1/0<br><br>Information on Invoice recipient | [] | 0..1 |
| [Ent] PartyIPPOperator | https://admin-shell.io/idta/PurchaseOrder/PartyIPPOperator/1/0<br><br>Information on IPP operator | [] | 0..1 |
| [Ent] PartyManufacturer | https://admin-shell.io/idta/PurchaseOrder/PartyManufacturer /1/0<br><br>Information on Manufacturer | [] | 0..1 |
| [Ent] PartyMarketPlace | https://admin-shell.io/idta/PurchaseOrder/PartyMarketPlace/1/0<br><br>Information on Market place | [] | 0..1 |
| [Ent] PartyPayer | https://admin-shell.io/idta/PurchaseOrder/PartyPayer/1/0<br><br>Information on Payer | [] | 0..1 |
| [Ent] PartyRemittee | https://admin-shell.io/idta/PurchaseOrder/PartyRemittee/1/0<br><br>Information on Remittee | [] | 0..1 |
| [Ent] PartyStandardizationBody | https://admin-shell.io/idta/PurchaseOrder/PartyStandardizationBody/1/0<br><br>Information on Standardization body | [] | 0..1 |
| [Ent] PartySupplier | https://admin-shell.io/idta/PurchaseOrder/PartySupplier/1/0<br><br>Information on Supplier | [] | 0..1 |
| [Ent] PartyTrustedThirdParty | https://admin-shell.io/idta/PurchaseOrder/PartyTrustedThirdParty/1/0<br><br>Information on Trusted third party | [] | 0..1 |

| [Ent] PartyInternalRoutingLocation | https://admin-shell.io/idta/PurchaseOrder/PartyInternalRoutingLocation/1/0<br><br>Information on Internal routing location | [] | 0..1 |
|---|---|---|---|
| [Ent] PartyOthers | https://admin-shell.io/idta/PurchaseOrder/PartyOthers/1/0<br><br>Information on Other party | [] | 0..1 |

# 3.23. PartyBuyer

*Table 24. Elements of Entity "PartyBuyer"*

| idShort: | PartyBuyer | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyBuyer/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Buyer Party | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |

| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0 <br><br> IRI of the organisation (Optional) | [AnyUri] | 0..1 |
|---|---|---|---|
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001 <br><br> First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0 <br><br> Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop] DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA009#001 <br><br> Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop] AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO124#004 <br><br> Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0 <br><br> Gate in the context of an address (Optional) | [String] | 0..1 |

| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |

| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] ZipcodeOfPOB ox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>TelephoneNu mber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.24. PartySeller

*Table 25. Elements of Entity "PartySeller"*

| idShort: | PartySeller | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartySeller/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Seller Party | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenc eID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop]<br><br>OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop]<br><br>OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop] DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop]<br><br>Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop]<br><br>Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop]<br><br>POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop]<br><br>ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop]<br><br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br><br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.25. PartyCarrier

*Table 26. Elements of Entity "PartyCarrier"*

| idShort: | PartyCarrier | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyCarrier/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Carrier | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br><br>OrganizationN<br>ame1 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization<br>(Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>OrganizationN<br>ame2 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationN<br>ame3 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of-<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the<br>shipping companies. That can also be the gatekeeper.<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoin t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 <br><br> Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 <br><br> Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA015#001 <br><br> State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 <br><br> Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 <br><br> Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO135#003 <br><br> VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 <br><br> Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.26. PartyCentralizedSettlement

*Table 27. Elements of Entity "PartyCentralizedSettlement"*

| idShort: | PartyCentralizedSettlement | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyCentralizedSettlement/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Centralized Settlement | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop] BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop] DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA009#001 <br><br> Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO124#004 <br><br> Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0 <br><br> Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0 <br><br> Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0 <br><br> Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0 <br><br> Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA019#001 <br><br> Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO127#004 <br><br> Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.27. PartyShipmentLocation

*Table 28. Elements of Entity "PartyShipmentLocation"*

| idShort: | PartyShipmentLocation | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyShipmentLocation /1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Shipment Location | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br>OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br>OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop]<br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop]<br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop]<br><br>ZipcodeOfPOB<br>ox | https://admin-<br>shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO131#003,0112/2///61360_4#ADA014#001<br><br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO132#003,0112/2///61360_4#ADA016#001<br><br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br><br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br><br>State (Optional) | [String] | 0..1 |
| [Prop]<br><br>StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br><br>supplementalSemanticId: 0173-1#02-<br>AAO133#003,0112/2///61360_4#ADA006#001<br><br><br>Country (Mandatory) | [String] | 1 |
| [Prop]<br><br>NationalCode | https://admin-<br>shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO134#003,0112/2///61360_4#ADA005#001<br><br><br>Two-digit country code according to ISO 3166 ALPHA-2<br>(Mandatory) | [String] | 1 |
| [Prop]<br><br>VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br><br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNu<br>mber | https://admin-<br>shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-<br>shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.28. PartyFinalShipmentLocation

*Table 29. Elements of Entity "PartyFinalShipmentLocation"*

| idShort: | PartyFinalShipmentLocation | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyFinalShipmentLocation/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Final shipment location | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenc<br>eID | https://admin-<br>shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the<br>buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0 <br><br> Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0 <br><br> Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0 <br><br> Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0 <br><br> IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001 <br><br> First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0 <br><br> Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop] DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop]<br><br>StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop]<br><br>VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br><br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br><br>TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.29. PartyIntermediate

*Table 30. Elements of Entity "PartyIntermediate"*

| idShort: | PartyIntermediate | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyIntermediate /1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Intermediate | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001 <br><br> First address line, usually the name of the organization (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0 <br><br> Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop] DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA009#001 <br><br> Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop] AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO124#004 <br><br> Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0 <br><br> Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0 <br><br> Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop]<br>ZipcodeOfPOB<br>ox | https://admin-<br>shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |
| [Prop]<br>StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
| [Prop]<br>NationalCode | https://admin-<br>shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2<br>(Mandatory) | [String] | 1 |
| [Prop]<br>VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNu<br>mber | https://admin-<br>shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-<br>shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.30. PartyInvoicing

*Table 31. Elements of Entity "PartyInvoicing"*

| **idShort:** | **PartyInvoicing** | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyInvoicing/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Invoicing party | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenc<br>eID | https://admin-<br>shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the<br>buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop]<br><br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoin<br>t | https://admin-<br>shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0 supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001 Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0 supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001 Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 supplementalSemanticId: 0112/2///61360_4#ADA015#001 State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 <br><br> Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 <br><br> Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO135#003 <br><br> VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 <br><br> Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001 <br><br> Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001 <br><br> Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001 <br><br> Company central email address (Mandatory) | [String] | 1 |

# 3.31. PartyInvoiceRecipient

*Table 32. Elements of Entity "PartyInvoiceRecipient"*

| idShort: | PartyInvoiceRecipient | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyInvoiceRecipient /1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Invoice recipient | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br><br>OrganizationN<br>ame1 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization<br>(Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>OrganizationN<br>ame2 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationN<br>ame3 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of-<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the<br>shipping companies. That can also be the gatekeeper.<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoin<br>t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop]<br><br>Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop]<br><br>Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop]<br><br>Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop]<br><br>POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

## 3.32. PartyIPPOperator

*Table 33. Elements of Entity "PartyIPPOperator"*

| idShort: | PartyIPPOperator | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyIPPOperator/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on IPP operator | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop]<br><br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 <br><br> Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 <br><br> Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO135#003 <br><br> VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 <br><br> Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001 <br><br> Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001 <br><br> Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001 <br><br> Company central email address (Mandatory) | [String] | 1 |

# 3.33. PartyManufacturer

*Table 34. Elements of Entity "PartyManufacturer"*

| idShort: | PartyManufacturer | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyManufacturer /1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Manufacturer | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br><br>OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop]<br><br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoin<br>t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop]<br><br>Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop]<br><br>Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop]<br><br>Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop]<br><br>POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop]<br><br>ZipcodeOfPOB<br>ox | https://admin-<br>shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO131#003,0112/2///61360_4#ADA014#001<br><br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO132#003,0112/2///61360_4#ADA016#001<br><br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br><br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br><br>State (Optional) | [String] | 0..1 |
| [Prop]<br><br>StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br><br>supplementalSemanticId: 0173-1#02-<br>AAO133#003,0112/2///61360_4#ADA006#001<br><br><br>Country (Mandatory) | [String] | 1 |
| [Prop]<br><br>NationalCode | https://admin-<br>shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO134#003,0112/2///61360_4#ADA005#001<br><br><br>Two-digit country code according to ISO 3166 ALPHA-2<br>(Mandatory) | [String] | 1 |
| [Prop]<br><br>VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br><br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

## 3.34. PartyMarketPlace

*Table 35. Elements of Entity "PartyMarketPlace"*

| idShort: | PartyMarketPlace | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyMarketPlace/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Market place | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop]<br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>UnloadingPoin<br>t | https://admin-<br>shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 <br><br> Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 <br><br> Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO135#003 <br><br> VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 <br><br> Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001 <br><br> Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001 <br><br> Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001 <br><br> Company central email address (Mandatory) | [String] | 1 |

# 3.35. PartyPayer

*Table 36. Elements of Entity "PartyPayer"*

| idShort: | PartyPayer | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyPayer/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Payer | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br>OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br>OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop]<br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop]<br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0 <br><br> Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0 <br><br> Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA019#001 <br><br> Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO127#004 <br><br> Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 <br><br> Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 <br><br> Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001 <br><br> Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001 <br><br> Post office box number (Optional) | [String] | 0..1 |

| [Prop]<br>ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |
| [Prop]<br>StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
| [Prop]<br>NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop]<br>VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop]<br>Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNu<br>mber | https://admin-<br>shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO136#002,0112/2///61360_4#ADA009#001<br><br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO195#002,0112/2///61360_4#ADA011#001<br><br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-<br>shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO198#002,0112/2///61360_4#ADA008#001<br><br><br>Company central email address (Mandatory) | [String] | 1 |

## 3.36. PartyRemittee

*Table 37. Elements of Entity "PartyRemittee"*

| idShort: | PartyRemittee | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyRemittee/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Remittee | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenc<br>eID | https://admin-<br>shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the<br>buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop]<br><br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoin<br>t | https://admin-<br>shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop]<br><br>Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop]<br><br>Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop]<br><br>POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |
| [Prop]<br><br>ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop]<br><br>CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop]<br><br>State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.37. PartyStandardizationBody

*Table 38. Elements of Entity "PartyStandardizationBody"*

| idShort: | PartyStandardizationBody | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyStandardizationBody/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Standardization body | | |
| **Element details:** | - | | |
| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
| [Prop] BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0 Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0 Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0 Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0 Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0 IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br><br>OrganizationN<br>ame1 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization<br>(Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>OrganizationN<br>ame2 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationN<br>ame3 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of-<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the<br>shipping companies. That can also be the gatekeeper.<br>(Optional) | [String] | 0..1 |
| [Prop]<br><br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001<br><br>Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA015#001<br><br>State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop] | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0 | [String] | 1 |
|---|---|---|---|
| TelephoneNumber | supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001 | | |
| | Company central phone number (Mandatory) | | |
| [Prop] | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0 | [String] | 0..1 |
| FaxNumber | supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001 | | |
| | Company central fax number (Optional) | | |
| [Prop] | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0 | [String] | 1 |
| EmailAddress | supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001 | | |
| | Company central email address (Mandatory) | | |

## 3.38. PartySupplier

*Table 39. Elements of Entity "PartySupplier"*

| idShort: | PartySupplier | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartySupplier/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Supplier | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0 <br><br> Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0 <br><br> Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0 <br><br> Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0 <br><br> IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001 <br><br> First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0 <br><br> Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0 <br><br> Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop] DeliveryTeleph oneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AdditionalAddr essline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop] Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop] HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoin t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0 supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001 Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0 supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001 Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 supplementalSemanticId: 0112/2///61360_4#ADA015#001 State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.39. PartyTrustedThirdParty

*Table 40. Elements of Entity "PartyTrustedThirdParty"*

| idShort: | PartyTrustedThirdParty | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyTrustedThirdParty/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Trusted third party | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>idShort | **semanticId**<br><br>Description@en | **[valueType]**<br><br>example | **card.** |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br><br>OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br><br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |
| [Prop]<br><br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoin<br>t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |
| [Prop]<br><br>Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Street name and house number (Mandatory) | [String] | 1 |
| [Prop]<br><br>Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001<br><br>Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop]<br><br>Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001<br><br>Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop]<br><br>POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001<br><br>Post office box number (Optional) | [String] | 0..1 |

| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 <br><br><br> Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 <br><br><br> Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 <br><br> supplementalSemanticId: 0112/2///61360_4#ADA015#001 <br><br><br> State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 <br><br><br> supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 <br><br><br> Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 <br><br><br> Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 <br><br> supplementalSemanticId: 0173-1#02-AAO135#003 <br><br><br> VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 <br><br> Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.40. PartyInternalRoutingLocation

*Table 41. Elements of Entity "PartyInternalRoutingLocation"*

| idShort: | PartyInternalRoutingLocation | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyInternalRoutingLocation/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Internal routing location | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |

| [Prop] SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop] GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop] OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |
| [Prop] OrganizationName1 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization (Mandatory) | [String] | 1 |
| [Prop] OrganizationName2 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] OrganizationName3 | https://admin-shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop] CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of- (Optional) | [String] | 0..1 |

| [Prop]<br><br>DeliveryTelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the shipping companies. That can also be the gatekeeper. (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>AdditionalAddressline | https://admin-shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br><br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0<br><br>Floor in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0<br><br>Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br><br>UnloadingPoint | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA019#001<br><br>Unloading point (Optional) | [String] | 0..1 |
| [Prop]<br><br>Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO127#004<br><br>Department in the company (Optional) | [String] | 0..1 |

| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Street name and house number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0 supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001 Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0 supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001 Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0 supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001 Post office box number (Optional) | [String] | 0..1 |
| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 Postal code of the post office box (Optional) | [String] | 0..1 |
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 supplementalSemanticId: 0112/2///61360_4#ADA015#001 State (Optional) | [String] | 0..1 |

| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001<br><br>Country (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001<br><br>Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO135#003<br><br>VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0<br><br>Tax number of the business partner (Optional) | [String] | 0..1 |
| [Prop] TelephoneNumber | https://admin-shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO136#002,0112/2///61360_4#ADA009#001<br><br>Company central phone number (Mandatory) | [String] | 1 |
| [Prop] FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO195#002,0112/2///61360_4#ADA011#001<br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop] EmailAddress | https://admin-shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO198#002,0112/2///61360_4#ADA008#001<br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.41. PartyOthers

*Table 42. Elements of Entity "PartyOthers"*

| idShort: | PartyOthers | | |
|---|---|---|---|
| **Class:** | Entity | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartyOthers/1/0 | | |
| **Parent:** | InvolvedParties | | |
| **Explanation:** | Information on Other party | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>BuyerReferenceID | https://admin-shell.io/idta/PurchaseOrder/BuyerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the buyer. (Mandatory) | [String] | 1 |
| [Prop]<br><br>SellerReferenceID | https://admin-shell.io/idta/PurchaseOrder/SellerReferenceID/1/0<br><br>Unique identifier of the business partner provided by the seller. (Optional) | [String] | 0..1 |
| [Prop]<br><br>AgentReferenceID | https://admin-shell.io/idta/PurchaseOrder/AgentReferenceID/1/0<br><br>Unique identifier of the business partner, provided by agent. (Optional) | [String] | 0..1 |
| [Prop]<br><br>GaiaXID | https://admin-shell.io/idta/PurchaseOrder/GaiaXID/1/0<br><br>Business Partner ID in GaiaX (Optional) | [String] | 0..1 |
| [Prop]<br><br>OrganisationIRI | https://admin-shell.io/idta/PurchaseOrder/OrganisationIRI/1/0<br><br>IRI of the organisation (Optional) | [AnyUri] | 0..1 |

| [Prop]<br>OrganizationN<br>ame1 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName1/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAW001#002,0112/2///61360_4#ADA007#001<br><br>First address line, usually the name of the organization<br>(Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br>OrganizationN<br>ame2 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName2/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>OrganizationN<br>ame3 | https://admin-<br>shell.io/idta/PurchaseOrder/OrganizationName3/1/0<br><br>Additional line for the organization name (Optional) | [String] | 0..1 |
| [Prop]<br>CareOfName | https://admin-shell.io/idta/PurchaseOrder/CareOfName/1/0<br><br>Address line for the information -for the attention of-<br>(Optional) | [String] | 0..1 |
| [Prop]<br>DeliveryTeleph<br>oneNumber | https://admin-<br>shell.io/idta/PurchaseOrder/DeliveryTelephoneNumber/1/0<br><br>supplementalSemanticId: 0112/2///61360_4#ADA009#001<br><br>Telephone number of the recipient (not the buyer) for the<br>shipping companies. That can also be the gatekeeper.<br>(Optional) | [String] | 0..1 |
| [Prop]<br>AdditionalAddr<br>essline | https://admin-<br>shell.io/idta/PurchaseOrder/AdditionalAddressline/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO124#004<br><br>Additional Address line (Mandatory) | [String] | 1 |
| [Prop]<br>Gate | https://admin-shell.io/idta/PurchaseOrder/Gate/1/0<br><br>Gate in the context of an address (Optional) | [String] | 0..1 |
| [Prop]<br>HallBuilding | https://admin-shell.io/idta/PurchaseOrder/HallBuilding/1/0<br><br>Hall in the context of an address (Optional) | [String] | 0..1 |

| [Prop] Floor | https://admin-shell.io/idta/PurchaseOrder/Floor/1/0

Floor in the context of an address (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] Room | https://admin-shell.io/idta/PurchaseOrder/Room/1/0

Room number in the context of an address (Optional) | [String] | 0..1 |
| [Prop] UnloadingPoin t | https://admin-shell.io/idta/PurchaseOrder/UnloadingPoint/1/0

supplementalSemanticId: 0112/2///61360_4#ADA019#001


Unloading point (Optional) | [String] | 0..1 |
| [Prop] Department | https://admin-shell.io/idta/PurchaseOrder/Department/1/0

supplementalSemanticId: 0173-1#02-AAO127#004


Department in the company (Optional) | [String] | 0..1 |
| [Prop] Street1 | https://admin-shell.io/idta/PurchaseOrder/Street1/1/0

supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001


Street name and house number (Mandatory) | [String] | 1 |
| [Prop] Street2 | https://admin-shell.io/idta/PurchaseOrder/Street2/1/0

supplementalSemanticId: 0173-1#02-AAO128#003,0112/2///61360_4#ADA017#001


Additional street name and house number (Optional) | [String] | 0..1 |
| [Prop] Zipcode | https://admin-shell.io/idta/PurchaseOrder/Zipcode/1/0

supplementalSemanticId: 0173-1#02-AAO129#003,0112/2///61360_4#ADA014#001


Postal code of the house address (Mandatory) | [String] | 1 |
| [Prop] POBox | https://admin-shell.io/idta/PurchaseOrder/POBox/1/0

supplementalSemanticId: 0173-1#02-AAO130#003,0112/2///61360_4#ADA022#001


Post office box number (Optional) | [String] | 0..1 |

| [Prop] ZipcodeOfPOBox | https://admin-shell.io/idta/PurchaseOrder/ZipcodeOfPOBox/1/0 supplementalSemanticId: 0173-1#02-AAO131#003,0112/2///61360_4#ADA014#001 Postal code of the post office box (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] CityTown | https://admin-shell.io/idta/PurchaseOrder/CityTown/1/0 supplementalSemanticId: 0173-1#02-AAO132#003,0112/2///61360_4#ADA016#001 Location information about the company (Mandatory) | [String] | 1 |
| [Prop] State | https://admin-shell.io/idta/PurchaseOrder/State/1/0 supplementalSemanticId: 0112/2///61360_4#ADA015#001 State (Optional) | [String] | 0..1 |
| [Prop] StateCountry | https://admin-shell.io/idta/PurchaseOrder/StateCountry/1/0 supplementalSemanticId: 0173-1#02-AAO133#003,0112/2///61360_4#ADA006#001 Country (Mandatory) | [String] | 1 |
| [Prop] NationalCode | https://admin-shell.io/idta/PurchaseOrder/NationalCode/1/0 supplementalSemanticId: 0173-1#02-AAO134#003,0112/2///61360_4#ADA005#001 Two-digit country code according to ISO 3166 ALPHA-2 (Mandatory) | [String] | 1 |
| [Prop] VAT_Id | https://admin-shell.io/idta/PurchaseOrder/VAT_Id/1/0 supplementalSemanticId: 0173-1#02-AAO135#003 VAT Id of the business partner (Optional) | [String] | 0..1 |
| [Prop] Tax_Number | https://admin-shell.io/idta/PurchaseOrder/Tax_Number/1/0 Tax number of the business partner (Optional) | [String] | 0..1 |

| [Prop]<br><br>TelephoneNu<br>mber | https://admin-<br>shell.io/idta/PurchaseOrder/TelephoneNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO136#002,0112/2///61360_4#ADA009#001<br><br><br>Company central phone number (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>FaxNumber | https://admin-shell.io/idta/PurchaseOrder/FaxNumber/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO195#002,0112/2///61360_4#ADA011#001<br><br><br>Company central fax number (Optional) | [String] | 0..1 |
| [Prop]<br><br>EmailAddress | https://admin-<br>shell.io/idta/PurchaseOrder/EmailAddress/1/0<br><br>supplementalSemanticId: 0173-1#02-<br>AAO198#002,0112/2///61360_4#ADA008#001<br><br><br>Company central email address (Mandatory) | [String] | 1 |

# 3.42. CostCentersList

*Table 43. Elements of SubmodelElementList "CostCentersList"*

| idShort: | CostCentersList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/CostCentersList/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | List of cost centers to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>CostCenter | https://admin-shell.io/idta/PurchaseOrder/CostCenter/1/0<br><br>Information about a cost center. The referencing can be done in the general part or for each item separately. (Mandatory) | []<br><br>10 elements | 1..* |

# 3.43. CostCenter

*Table 44. Elements of SubmodelElementCollection "CostCenter"*

| idShort: | CostCenter | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/CostCenter/1/0 | | |
| Parent: | CostCentersList | | |
| Explanation: | Information about a cost center. The referencing can be done in the general part or for each item separately. (Mandatory) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>CostCenterCode | https://admin-shell.io/idta/PurchaseOrder/CostCenterCode/1/0<br><br>Identifying code for the cost center (Optional) | [String] | 0..1 |
| [Prop]<br><br>CostCenterName | https://admin-shell.io/idta/PurchaseOrder/CostCenterName/1/0<br><br>supplementalSemanticId: 0173-1#02-AAX088#0<br><br>Name of the cost center (Mandatory) | [String] | 1 |
| [Prop]<br><br>CostReasonCode | https://admin-shell.io/idta/PurchaseOrder/CostReasonCode/1/0<br><br>Identifying code for the cost reason (Optional) | [String] | 0..1 |
| [Prop]<br><br>CostReasonName | https://admin-shell.io/idta/PurchaseOrder/CostReasonName/1/0<br><br>Name of the Cost Reason (Optional) | [String] | 0..1 |
| [Prop]<br><br>CostCarrierCode | https://admin-shell.io/idta/PurchaseOrder/CostCarrierCode/1/0<br><br>Identifying code for the cost carrier (Optional) | [String] | 0..1 |
| [Prop]<br><br>CostCarrierName | https://admin-shell.io/idta/PurchaseOrder/CostCarrierName/1/0<br><br>Name of the cost carrier (Optional) | [String] | 0..1 |
| [Prop]<br><br>ProjectNumber | https://admin-shell.io/idta/PurchaseOrder/ProjectNumber/1/0<br><br>Project number (Optional) | [String] | 0..1 |

| [Prop]<br><br>ProjectName | https://admin-shell.io/idta/PurchaseOrder/ProjectName/1/0<br><br>Project name (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>BillingCenterC ode | https://admin-shell.io/idta/PurchaseOrder/BillingCenterCode/1/0<br><br>Indentifying code for the billing center (Optional) | [String] | 0..1 |
| [Prop]<br><br>BillingCenterN ame | https://admin-shell.io/idta/PurchaseOrder/BillingCenterName/1/0<br><br>Name of the billing center (Optional) | [String] | 0..1 |

# 3.44. AttachedMediaList

*Table 45. Elements of SubmodelElementList "AttachedMediaList"*

| idShort: | AttachedMediaList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/AttachedMediaList/1/0 | | |
| **Parent:** | PurchaseOrder | | |
| **Explanation:** | Media attached to the business document, e.g. component sketch, CAD data, to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>Media | https://admin-shell.io/idta/PurchaseOrder/Media/1/0<br><br>supplementalSemanticId: 0173-1#02-ABI791#001<br><br>Information about an attached multi media file. The referencing can be done in the general part or for each item separately. (Optional) | []<br><br>4 elements | 0..* |

# 3.45. Media

*Table 46. Elements of SubmodelElementCollection "Media"*

| idShort: | Media |
|---|---|
| **Class:** | SubmodelElementCollection |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/Media/1/0 |

| Parent: | AttachedMediaList | | |
|---|---|---|---|
| Explanation: | Information about an attached multi media file. The referencing can be done in the general part or for each item separately. (Optional) | | |
| Element details: | - | | |
| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
| [Prop] File | https://admin-shell.io/idta/PurchaseOrder/File/1/0 supplementalSemanticId: 0173-1#02-ABK126#001 Link to the multimedia file (Optional) | [AnyUri] | 0..1 |
| [Prop] MimeType | https://admin-shell.io/idta/PurchaseOrder/MimeType/1/0 supplementalSemanticId: 0112/2///61360_4#ACB113#001 MIME type of the multimedia file (Optional) | [String] | 0..1 |
| [Prop] MimePurpose | https://admin-shell.io/idta/PurchaseOrder/MimePurpose/1/0 Purpose of the file, e.g. white paper, standard, hazard document (Optional) | [String] | 0..1 |
| [Prop] Comment | https://admin-shell.io/idta/PurchaseOrder/Comment/1/0 supplementalSemanticId: 0173-1#02-ABI768#001 Comment or description of the multimedia file (Optional) | [String] | 0..1 |

# 3.46. ItemList

*Table 47. Elements of SubmodelElementList "ItemList"*

| idShort: | ItemList | | |
|---|---|---|---|
| Class: | SubmodelElementList | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/ItemList/1/0 | | |
| Parent: | PurchaseOrder | | |
| Explanation: | Bill of material of order (Mandatory) | | |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type] idShort | semanticId Description@en | [valueType] example | card. |

| [SMC]<br><br>Item | https://admin-shell.io/idta/PurchaseOrder/Item/1/0<br><br>Information about an item or line of the order (Mandatory) | []<br><br>51 elements | 1..* |
|---|---|---|---|

## 3.47. Item

*Table 48. Elements of SubmodelElementCollection "Item"*

| idShort: | Item | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/Item/1/0 | | |
| **Parent:** | ItemList | | |
| **Explanation:** | Information about an item or line of the order (Mandatory) | | |
| **Element details:** | - | | |
| **[SME type]**<br><br>**idShort** | **semanticId**<br><br>**Description@en** | **[valueType]**<br><br>**example** | **card.** |
| [Prop]<br><br>RefPurchaseRequestNotificationItem | https://admin-shell.io/idta/PurchaseOrder/RefPurchaseRequestNotificationItem/1/0<br><br>ID of the Item in the purchase request (Optional) | [String] | 0..1 |
| [Prop]<br><br>RefQuotationItemID | https://admin-shell.io/idta/PurchaseOrder/RefQuotationItemID/1/0<br><br>ID of the Item in the quotation (Optional) | [String] | 0..1 |
| [Prop]<br><br>ItemID | https://admin-shell.io/idta/PurchaseOrder/ItemID/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO837#002<br><br>Unique ID of the item, e.g. position number or position line (Mandatory) | [String] | 1 |
| [Prop]<br><br>ParentItemID | https://admin-shell.io/idta/PurchaseOrder/ParentItemID/1/0<br><br>ID of the parent item or line (Optional) | [String] | 0..1 |
| [Prop]<br><br>ItemClassification | https://admin-shell.io/idta/PurchaseOrder/ItemClassification/1/0<br><br>classification of the item: material, wages or service (Optional) | [String] | 0..1 |

| [Prop] ItemType | https://admin-shell.io/idta/PurchaseOrder/ItemType /1/0<br><br>Specifies the type of item. Possible values are: composite: Identifies an item group. item: independent line item. lean: no child item is expected for the line (Optional) | [String] | 0..1 |
|---|---|---|---|
| [Prop] ItemStatus | https://admin-shell.io/idta/PurchaseOrder/ItemStatus/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO683#004<br><br>Status of the item (IsClosed, IsOpen, IsDeleted) (Optional) | [String] | 0..1 |
| [Prop] ServiceType | https://admin-shell.io/idta/PurchaseOrder/ServiceType /1/0<br><br>Represents the type of the service line. (Optional) | [String] | 0..1 |
| [Prop] DeliveryTerms | https://admin-shell.io/idta/PurchaseOrder/DeliveryTerms/1/0<br><br>supplementalSemanticId: 0173-1#02-AAX438#003<br><br>Contains additional information for transportation of the shipment (Optional) | [AnyUri] | 0..1 |
| [Prop] Agreement | https://admin-shell.io/idta/PurchaseOrder/Agreement/1/0<br><br>Additional Agreement (Optional) | [AnyUri] | 0..1 |
| [Prop] OrderQuantity | https://admin-shell.io/idta/PurchaseOrder/OrderQuantity/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO255#004<br><br>Quanity delivered (Mandatory) | [Double] | 1 |
| [Prop] OrderQuantity Unit | https://admin-shell.io/idta/PurchaseOrder/OrderQuantityUnit/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO249#003<br><br>Unit in which the product can be ordered; only multiples of this unit can be used be ordered. (Mandatory) | [String] | 1 |
| [Prop] ContentQuantity | https://admin-shell.io/idta/PurchaseOrder/ContentQuantity/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO251#003<br><br>Content quantity (Recommended) | [Double] | 0..1 |

| [Prop]<br>ContentQuantityUnit | https://admin-shell.io/idta/PurchaseOrder/ContentQuantityUnit/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO250#003 017<br><br>Unit of the content quantity (Recommended) | [String] | 0..1 |
|---|---|---|---|
| [Prop]<br>CapacityQuantity | https://admin-shell.io/idta/PurchaseOrder/CapacityQuantity/1/0<br><br>Number of content units per order quantity unit (Optional) | [Double] | 0..1 |
| [Prop]<br>CapacityQuantityUnit | https://admin-shell.io/idta/PurchaseOrder/CapacityQuantityUnit/1/0<br><br>Content quantity per content units (Optional) | [Double] | 0..1 |
| [Prop]<br>PackageCapacity | https://admin-shell.io/idta/PurchaseOrder/PackageCapacity/1/0<br><br>(Optional) | [Double] | 0..* |
| [Prop]<br>PackageQuantity | https://admin-shell.io/idta/PurchaseOrder/PackageQuantity/1/0<br><br>(Optional) | [Double] | 0..* |
| [Prop]<br>PackageQuantityUnit | https://admin-shell.io/idta/PurchaseOrder/PackageQuantityUnit/1/0<br><br>(Optional) | [String] | 0..* |
| [Prop]<br>UnitOfContentQuantityInContentUnit | https://admin-shell.io/idta/PurchaseOrder/UnitOfContentQuantityInContentUnit/1/0<br><br>SI-Einheit für die Angabe der Inhaltsmenge pro Inhaltsmengeneinheit (Optional) | [String] | 0..1 |
| [Prop]<br>EngineeringDocumentsRequired | https://admin-shell.io/idta/PurchaseOrder/EngineeringDocumentsRequired/1/0<br><br>Boolean variable to indicate if AAS or other Engineering Document is required for the item (Optional) | [Boolean] | 0..1 |

| [Prop]<br><br>DigitalProduct<br>PassRequired | https://admin-<br>shell.io/idta/PurchaseOrder/DigitalProductPassRequired/1/<br>0<br><br><br>Boolean value indicating whether a digital product<br>passport is required (Optional) | [Boolean] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>ChainOfCusto<br>dyProofReque<br>sted | https://admin-<br>shell.io/idta/PurchaseOrder/ChainOfCustodyProofRequest<br>ed/1/0<br><br><br>Boolean value indicating whether proof of custody chain is<br>required (Optional) | [Boolean] | 0..1 |
| [Prop]<br><br>TollDocuments<br>Required | https://admin-<br>shell.io/idta/PurchaseOrder/TollDocumentsrequired/1/0<br><br><br>Boolean value, indicating whether toll documents are<br>required (Optional) | [Boolean] | 0..1 |
| [Ref]<br><br>ReferenceSub<br>modelTollDocu<br>ments | https://admin-<br>shell.io/idta/PurchaseOrder/ReferenceSubmodelTollDocu<br>ments/1/0<br><br><br>Reference to submodel which describes a toll document<br>(Optional) | [] | 0..* |
| [Prop]<br><br>NetPrice | https://admin-shell.io/idta/PurchaseOrder/NetPrice/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO287#003<br><br><br>Der Gesamtnettobetrag für den Eintrag (Optional) | [Double] | 0..1 |
| [Prop]<br><br>GrossPrice | https://admin-shell.io/idta/PurchaseOrder/GrossPrice/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO287#003<br><br><br>Der Gesamtbruttobetrag für den Eintrag (Optional) | [Double] | 0..1 |
| [Prop]<br><br>PartialShipme<br>ntAllowed | https://admin-<br>shell.io/idta/PurchaseOrder/PartialShipmentAllowed/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO219#005<br><br><br>Flag to indicate whether partial shipment is allowed. If<br>allowed the value is TRUE, FALSE otherwise. The flag is<br>binding for the order. (Optional) | [Boolean] | 0..1 |

| [Prop]<br>IsItemCompletelyDelivered | https://admin-shell.io/idta/PurchaseOrder/IsItemCompletelyDelivered/1/0<br><br>Is the item delivered complete? (Optional) | [Boolean] | 0..1 |
|---|---|---|---|
| [Prop]<br>DeliveryTerms | https://admin-shell.io/idta/PurchaseOrder/DeliveryTerms/1/0<br><br>supplementalSemanticId: 0173-1#02-AAX438#003<br><br>Contains additional information for transportation of the shipment (Optional) | [AnyUri] | 0..1 |
| [Prop]<br>Agreement | https://admin-shell.io/idta/PurchaseOrder/Agreement/1/0<br><br>Additional Agreement (Optional) | [AnyUri] | 0..1 |
| [Prop]<br>Remarks | https://admin-shell.io/idta/PurchaseOrder/Remarks/1/0<br><br>supplementalSemanticId: 0173-1#02-ABJ035#001<br><br>Remark related to a business document (Optional) | [String] | 0..* |
| [Ref]<br>CatalogueRef | https://admin-shell.io/idta/PurchaseOrder/CatalogueRef/1/0<br><br>Reference to a catalog entry defined in the SMC CatalogReferenceList (Optional) | [] | 0..1 |
| [Ref]<br>IncotermsRef | https://admin-shell.io/idta/PurchaseOrder/IncotermsRef/1/0<br><br>Reference to Incoterms provisions defined in the SMC IncotermsList. Can be referenced in the general part or in the item. (Optional) | [] | 0..1 |
| [Ref]<br>BusinessPartyRef | https://admin-shell.io/idta/PurchaseOrder/BusinessPartyRef/1/0<br><br>Reference to a business party, e.q. shipment company defined in the SMC PartiesList. Can be referenced in the general part or in the item. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |

| | | | |
|---|---|---|---|
| [Ref]<br><br>InternationalRestrictionsRef | https://admin-shell.io/idta/PurchaseOrder/InternationalRestrictionsRef/1/0<br><br>Reference to international restrictions defined in the SMC InternationalRestrictionsList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Ref]<br><br>SpecialTreatmentClassRef | https://admin-shell.io/idta/PurchaseOrder/SpecialTreatmentClassRef/1/0<br><br>Reference to a special treatment of goods defined in the SMC SpecialTreatmentList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Ref]<br><br>MediaRef | https://admin-shell.io/idta/PurchaseOrder/MediaRef/1/0<br><br>Reference to a file attachment defined in the SMC MediaList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Ref]<br><br>CostCenterRef | https://admin-shell.io/idta/PurchaseOrder/CostCenterRef/1/0<br><br>Reference to a cost center defined in the SMC CostCentersList. Can be referenced in the general part or in the item. (Optional) | [] | 0..* |
| [Prop]<br><br>ProductDesignation | https://admin-shell.io/idta/PurchaseOrder/ProductDesignation/1/0<br><br>supplementalSemanticId: 0173-1#02-AAM552#003,0112/2///61360_4#ACB024#002<br><br>Name of the product (Mandatory) | [String] | 1 |
| [Prop]<br><br>ProductShortDescription | https://admin-shell.io/idta/PurchaseOrder/ProductShortDescription/1/0<br><br>This element contains the short description/name of the product. Basically This description should be short and clear and meaningful within the first 40 characters, as many application systems only use 40 characters can process (Mandatory) | [String] | 1 |

| [Prop]<br><br>ProductDescription | https://admin-shell.io/idta/PurchaseOrder/ProductDescription/1/0<br><br>supplementalSemanticId: 0173-1#02-AAQ842#008,0112/2///61360_4#ACB004#001<br><br>This element contains the long description of the product (Mandatory) | [String] | 1 |
|---|---|---|---|
| [Prop]<br><br>ScopeOfDelivery | https://admin-shell.io/idta/PurchaseOrder/ScopeOfDelivery/1/0<br><br>Description of the scope of the delivery (Optional) | [String] | 1 |
| [Ref]<br><br>AASItemReference | https://admin-shell.io/idta/PurchaseOrder/AASItemReference/1/0<br><br>Reference to the AAS of the item if it is described in another AAS (Optional) | [] | 0..1 |
| [SMC]<br><br>ProductPrice | https://admin-shell.io/idta/PurchaseOrder/ProductPrice/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO255#004<br><br>Information on product or article price (Mandatory) | []<br><br>13 elements | 1 |
| [SML]<br><br>PartialDeliveryList | https://admin-shell.io/idta/PurchaseOrder/PartialDeliveryList/1/0<br><br>List for defining partial deliveries of an item (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>DeliveryDateList | https://admin-shell.io/idta/PurchaseOrder/DeliveryDateList/1/0<br><br>List of delivery periods to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Mandatory) | []<br><br>2 elements | 1 |
| [SML]<br><br>ScanCodesList | https://admin-shell.io/idta/PurchaseOrder/ScanCodesList/1/0<br><br>List of scan codes, e.g. barcodes (Optional) | []<br><br>1 elements | 0..1 |
| [SML]<br><br>QualityRequirements | https://admin-shell.io/idta/PurchaseOrder/QualityRequirements/1/0<br><br>List of quality requirements for the item (Optional) | []<br><br>1 elements | 0..1 |

| [SML]<br><br>ListProductIDs<br>BusinessPartn<br>ers | https://admin-<br>shell.io/idta/PurchaseOrder/ListProductIDsBusinessPartne<br>rs/1/0<br><br><br>List of business party specific product Ids, which can be<br>referenced to business parties defined in SMC<br>InvolvedPatiesList (Optional) | []<br><br>1 elements | 0..1 |
|---|---|---|---|
| [SML]<br><br>ExcludedIngre<br>dientsList | https://admin-<br>shell.io/idta/PurchaseOrder/ExcludedIngredientsList/1/0<br><br><br>Excluded ingredients list (Optional) | []<br><br>1 elements | 0..1 |

# 3.48. ProductPrice

*Table 49. Elements of SubmodelElementCollection "ProductPrice"*

| idShort: | ProductPrice | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/ProductPrice/1/0 | | |
| Parent: | Item | | |
| Explanation: | Information on product or article price (Mandatory) | | |
| Element<br>details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>MinPrice | https://admin-shell.io/idta/PurchaseOrder/MinPrice/1/0<br><br><br>Minimum allowable price (Optional) | [Double] | 0..1 |
| [Prop]<br><br>MaxPrice | https://admin-shell.io/idta/PurchaseOrder/MaxPrice/1/0<br><br><br>Maximal allowable price (Optional) | [Double] | 0..1 |
| [Prop]<br><br>Price | https://admin-shell.io/idta/PurchaseOrder/Price/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO287#003<br><br><br>Amount of the fixed price (Mandatory) | [Double] | 1 |

| [Prop]<br><br>PriceQuantity | https://admin-shell.io/idta/PurchaseOrder/PriceQuantity/1/0<br><br>If nothing is specified in this field the default value 1 is assumed, in other words the price refers to exactly one order unit. If specified, a multiple or a fraction of the order unit which indicates the quantity to which all the specified prices refer. (Optional) | [Double] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>PriceQuantityUnit | https://admin-shell.io/idta/PurchaseOrder/PriceQuantityUnit/1/0<br><br>e.g. per meter, per roll (Optional) | [Double] | 0..1 |
| [Prop]<br><br>PriceUnitValue | https://admin-shell.io/idta/PurchaseOrder/PriceUnitValue/1/0<br><br>Number of supplied price units (Mandatory) | [Double] | 1 |
| [Prop]<br><br>PriceUnit | https://admin-shell.io/idta/PurchaseOrder/PriceUnit/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO295#003<br><br>Unit of measurement on which the price is calculated (Mandatory) | [Integer] | 1 |
| [Prop]<br><br>PriceUnitFactor | https://admin-shell.io/idta/PurchaseOrder/PriceUnitFactor/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO296#004<br><br>The price factor is the conversion factor for price unit and order unit. (Optional) | [Integer] | 0..1 |
| [Prop]<br><br>CostsIncluded | https://admin-shell.io/idta/PurchaseOrder/CostsIncluded/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO297#006<br><br>Kind of included costs (Optional) | [String] | 0..* |
| [Prop]<br><br>AllowancesAndCharges | https://admin-shell.io/idta/PurchaseOrder/AllowancesAndCharges/1/0<br><br>Sum of allowances and charges (Optional) | [Double] | 0..1 |
| [Prop]<br><br>Shipping | https://admin-shell.io/idta/PurchaseOrder/Shipping/1/0<br><br>Shipping costs (Optional) | [Double] | 0..1 |

| [Prop]<br><br>ShippingTax | https://admin-shell.io/idta/PurchaseOrder/ShippingTax/1/0<br><br>Tax amount on the shipping costs (Optional) | [Double] | 0..1 |
|---|---|---|---|
| [SMC]<br><br>TaxDetails | https://admin-shell.io/idta/PurchaseOrder/TaxDetails/1/0<br><br>Tax information (Optional) | []<br><br>8 elements | 0..* |

# 3.49. TaxDetails

*Table 50. Elements of SubmodelElementCollection "TaxDetails"*

| idShort: | TaxDetails | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/TaxDetails/1/0 | | |
| Parent: | ProductPrice | | |
| Explanation: | Tax information (Optional) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>CalculationSequence | https://admin-shell.io/idta/PurchaseOrder/CalculationSequence /1/0<br><br>Determines the sequence for applying multiple taxes to a basis. The taxes must be applied beginning with the lowest value in the sequence. The tax with the lowest sequence will be calculated first, then follows the tax with the next higher sequence, and so on. If two taxes have the same sequence, both tax factors must be added prior to calculation. (Optional) | [Integer] | 0..1 |
| [Prop]<br><br>TaxCategory | https://admin-shell.io/idta/PurchaseOrder/TaxCategory /1/0<br><br>Specifies the tax category as a code. By this it is possible to define the tax not as an absolute value, but as the currently valid percentage. The specification should take place, if possible, by using a common code. (Optional) | [String] | 0..1 |
| [Prop]<br><br>TaxType | https://admin-shell.io/idta/PurchaseOrder/TaxType /1/0<br><br>Tax type, by using internationally accepted terms, such as VAT for value added tax. (Optional) | [String] | 0..1 |

| [Prop] TaxRate | https://admin-shell.io/idta/PurchaseOrder/TaxRate /1/0  supplementalSemanticId: 0173-1#02-AAO290#003  Factor for tax applicable to this price (Optional) | [Double] | 0..1 |
|---|---|---|---|
| [Prop] TaxAmount | https://admin-shell.io/idta/PurchaseOrder/TaxAmount /1/0  Total amount of the tax to be paid. (Optional) | [Double] | 0..1 |
| [Prop] TaxBase | https://admin-shell.io/idta/PurchaseOrder/TaxBase /1/0  If used this element specifies the base for the caluclation of the tax (Optional) | [Double] | 0..1 |
| [Prop] ExemptionReason | https://admin-shell.io/idta/PurchaseOrder/ExemptionReason /1/0  This element gives the reason why the tax is an exemption from the norm (Optional) | [String] | 0..1 |
| [Prop] Jurisdiction | https://admin-shell.io/idta/PurchaseOrder/Jurisdiction/1/0  Jurisdiction for the tax (Optional) | [String] | 0..1 |

# 3.50. PartialDeliveryList

*Table 51. Elements of SubmodelElementList "PartialDeliveryList"*

| idShort: | PartialDeliveryList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/PartialDeliveryList/1/0 | | |
| **Parent:** | Item | | |
| **Explanation:** | List for defining partial deliveries of an item (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type] idShort | semanticId Description@en | [valueType] example | card. |
| [SMC] PartialDelivery | https://admin-shell.io/idta/PurchaseOrder/PartialDelivery/1/0  Definition of partial delivery of an item (Optional) | [] 1 elements | 0..* |

# 3.51. PartialDelivery

*Table 52. Elements of SubmodelElementCollection "PartialDelivery"*

| idShort: | PartialDelivery | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/PartialDelivery/1/0 | | |
| Parent: | PartialDeliveryList | | |
| Explanation: | Definition of partial delivery of an item (Optional) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>OrderQuantity | https://admin-shell.io/idta/PurchaseOrder/OrderQuantity/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO255#004<br><br>Quanity delivered (Mandatory) | [Double] | 0..1 |

# 3.52. DeliveryDateList

*Table 53. Elements of SubmodelElementList "DeliveryDateList"*

| idShort: | DeliveryDateList | | |
|---|---|---|---|
| Class: | SubmodelElementList | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/DeliveryDateList /1/0 | | |
| Parent: | Item | | |
| Explanation: | List of delivery periods to be referenced in the business document. The referencing can be done in the general part or for each item separately. (Mandatory) | | |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>DeliveryDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryDate /1/0<br><br>Information about the delivery date. Referencing can be done in the general part or for each article separately. (Mandatory) | []<br><br>7 elements | 1..* |

| [Prop]<br><br>DeliveryComment | https://admin-shell.io/idta/PurchaseOrder/DeliveryComment/1/0<br><br>Delivery comment (Optional) | [String] | 0..1 |
|---|---|---|---|

# 3.53. DeliveryDate

*Table 54. Elements of SubmodelElementCollection "DeliveryDate"*

| idShort: | DeliveryDate | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/DeliveryDate /1/0 | | |
| **Parent:** | DeliveryDateList | | |
| **Explanation:** | Information about the delivery date. Referencing can be done in the general part or for each article separately. (Mandatory) | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>DeliveryStartDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryStartDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO257#003,0112/2///61360_4#ADA114#001<br><br>Unique date for the start of the delivery period. If an exact delivery date has to be determined, DeliveryStartDate = DeliveryEndDate is set. (Optional) | [Date] | 0..1 |
| [Prop]<br><br>DeliveryEndDate | https://admin-shell.io/idta/PurchaseOrder/DeliveryEndDate/1/0<br><br>supplementalSemanticId: 0173-1#02-AAO258#003,0112/2///61360_4#ADA114#001<br><br>Unique date for the end of the delivery period. If an exact delivery date has to be determined, DeliveryStartDate = DeliveryEndDate is set. (Optional) | [Date] | 0..1 |
| [Prop]<br><br>FixedDeliveryDate | https://admin-shell.io/idta/PurchaseOrder/FixedDeliveryDate/1/0<br><br>The date given is to be interpreted by the recipient as a fixed specified delivery date. (Optional) | [Date] | 0..1 |

| [Prop]<br><br>OpeningHours<br>Start | https://admin-shell.io/idta/PurchaseOrder/OpeningHoursStart/1/0<br><br>Time at the start of regular opening hours on working days. (Optional) | [Time] | 0..1 |
|---|---|---|---|
| [Prop]<br><br>OpeningHours<br>End | https://admin-shell.io/idta/PurchaseOrder/OpeningHoursEnd/1/0<br><br>Time at the end of regular opening hours on working days. (Optional) | [Time] | 0..1 |
| [Prop]<br><br>PlannedDelive<br>ryDurationInDa<br>ys | https://admin-shell.io/idta/PurchaseOrder/PlannedDeliveryDurationInDays/1/0<br><br>Planned delivery time after receipt of purchase order in days (Optional) | [Integer] | 0..1 |
| [Prop]<br><br>ScopeOfDelive<br>ry | https://admin-shell.io/idta/PurchaseOrder/ScopeOfDelivery/1/0<br><br>Description of the scope of the delivery (Optional) | [String] | 0..1 |

# 3.54. ScanCodesList

*Table 55. Elements of SubmodelElementList "ScanCodesList"*

| idShort: | ScanCodesList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/ScanCodesList/1/0 | | |
| **Parent:** | Item | | |
| **Explanation:** | List of scan codes, e.g. barcodes (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>ScanCodes | https://admin-shell.io/idta/PurchaseOrder/ScanCodes/1/0<br><br>Scan code information (Optional) | []<br><br>2 elements | 0..* |

# 3.55. ScanCodes

*Table 56. Elements of SubmodelElementCollection "ScanCodes"*

| idShort: | ScanCodes | | |
|---|---|---|---|
| Class: | SubmodelElementCollection | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/ScanCodes/1/0 | | |
| Parent: | ScanCodesList | | |
| Explanation: | Scan code information (Optional) | | |
| Element details: | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>CodeType | https://admin-shell.io/idta/PurchaseOrder/CodeType/1/0<br><br>Typ of the Scancode, e.g. NFC, QR-Code, Bar-Code (Mandatory) | [String] | 1 |
| [Prop]<br><br>Code | https://admin-shell.io/idta/PurchaseOrder/Code/1/0<br><br>Alpha-numeric code (Mandatory) | [String] | 1 |

## 3.56. QualityRequirements

*Table 57. Elements of SubmodelElementList "QualityRequirements"*

| idShort: | QualityRequirements | | |
|---|---|---|---|
| Class: | SubmodelElementList | | |
| semanticId: | https://admin-shell.io/idta/PurchaseOrder/QualityRequirements/1/0 | | |
| Parent: | Item | | |
| Explanation: | List of quality requirements for the item (Optional) | | |
| Element details: | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>QualityRequirement | https://admin-shell.io/idta/PurchaseOrder/QualityRequirement/1/0<br><br>Quality requirements for the item as a textual description, e.g., a requirement for specific component tests. (Optional) | [String] | 0..* |

## 3.57. ListProductIDsBusinessPartners

*Table 58. Elements of SubmodelElementList "ListProductIDsBusinessPartners"*

| idShort: | ListProductIDsBusinessPartners | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/ListProductIDsBusinessPartners/1/0 | | |
| **Parent:** | Item | | |
| **Explanation:** | List of business party specific product Ids, which can be referenced to business parties defined in SMC InvolvedPatiesList (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [SMC]<br><br>ProductIDParty | https://admin-shell.io/idta/PurchaseOrder/ProductIDParty/1/0<br><br>Business party specific product ID which can be referenced to business parties defined in SMC InvolvedPatiesList (Optional) | []<br><br>3 elements | 0..* |

## 3.58. ProductIDParty

*Table 59. Elements of SubmodelElementCollection "ProductIDParty"*

| idShort: | ProductIDParty | | |
|---|---|---|---|
| **Class:** | SubmodelElementCollection | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/ProductIDParty/1/0 | | |
| **Parent:** | ListProductIDsBusinessPartners | | |
| **Explanation:** | Business party specific product ID which can be referenced to business parties defined in SMC InvolvedPatiesList (Optional) | | |
| **Element details:** | - | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Ref]<br><br>BusinessParty | https://admin-shell.io/idta/PurchaseOrder/BusinessParty/1/0<br><br>Business party reference in SMC InvolvedPatiesList (Optional) | [] | 0..1 |
| [Prop]<br><br>ProductIDPartySpecific | https://admin-shell.io/idta/PurchaseOrder/ProductIDPartySpecific/1/0<br><br>Product ID used by business party (Optional) | [String] | 0..1 |

| [Prop]<br><br>ProductnameP<br>artySpecific | https://admin-<br>shell.io/idta/PurchaseOrder/ProductnamePartySpecific/1/0<br><br><br>Product name used by Business party (Optional) | [String] | 0..1 |
|---|---|---|---|

# 3.59. ExcludedIngredientsList

*Table 60. Elements of SubmodelElementList "ExcludedIngredientsList"*

| idShort: | ExcludedIngredientsList | | |
|---|---|---|---|
| **Class:** | SubmodelElementList | | |
| **semanticId:** | https://admin-shell.io/idta/PurchaseOrder/ExcludedIngredientsList/1/0 | | |
| **Parent:** | Item | | |
| **Explanation:** | Excluded ingredients list (Optional) | | |
| **Element details:** | orderRelevant=No, typeValueListElement=SubmodelElementCollection | | |
| [SME type]<br><br>idShort | semanticId<br><br>Description@en | [valueType]<br><br>example | card. |
| [Prop]<br><br>ExcludedIngre<br>dient | https://admin-<br>shell.io/idta/PurchaseOrder/ExcludedIngredient/1/0<br><br><br>Name of an excluded ingredient (Optional) | [String] | 0..* |

# Chapter 4. Annex A.   Explanations on used table formats

## 4.1. 1. General

The used tables in this document try to outline information as concise as possible. They do not convey all information on Submodels and SubmodelElements. For this purpose, the definitive definitions are given by a separate file in form of an AASX file of the Submodel template and its elements.

## 4.2. 2. Tables on Submodels and SubmodelElements

For clarity and brevity, a set of rules is used for the tables for describing Submodels and SubmodelElements.

- The tables follow in principle the same conventions as in [5].

- The table heads abbreviate 'cardinality' with 'card'.

- The tables often place two informations in different rows of the same table cell. In this case, the first information is marked out by sharp brackets [] form the second information. A special case are the semanticIds, which are marked out by the format: (type)(local)[idType]value.

- The types of SubmodelElements are abbreviated (see Table 61):

*Table 61. Abbreviations for SubmodelElements*

| SME type | SubmodelElement type |
|----------|----------------------|
| Blob | Blob |
| Cap | Capability |
| Ent | Entity |
| Evt | Event |
| File | File |
| MLP | MultiLanguageProperty |
| Opr | Operation |
| Prop | Property |
| Range | Range |
| Ref | ReferenceElement |
| Rel | RelationshipElement |
| RelA | AnnotatedRelationshipElement |
| SMC | SubmodelElementCollection |
| SME | SubmodelElement type |
| SML | SubmodelElementList |

- If an idShort ends with '__00__', this indicates a suffix of the respective length (here: 2) of decimal digits, in order to make the idShort unique. A different idShort might be choosen, as long as it is unique in the parent's context.

- The Keys of semanticId in the main section feature only idType and value, such as: https://admin-shell.io/vdi/2770/1/0/DocumentId/Id. The attribute "type" (typically "ConceptDescription" and "(local)" or "GlobalReference") need to be set accordingly; see [6].

- If a table does not contain a column with "parent" heading, all represented attributes share the same parent. This parent is denoted in the head of the table.

- Multi-language strings are represented by the text value, followed by '@'-character and the ISO 639 language code: example@EN.

- The [valueType] is only given for Properties.

# Annex B.   Example of a Minimal Purchase Order

The following example illustrates how to use the Purchase Order Submodel with a minimal yet recommended set of properties, specifically for a gear pump. It can serve as a practical starting point for implementing this Submodel in real-world scenarios for small .

Figure 8 shows the general part of the purchase order, Figure 9 the item section. In this simplified example, the purchase process involves only two parties: a buyer and a seller. The document type is set to "Order". Other document types such as "Request for Quotation" and "Quotation" follow the same structural setup.

In the general section, key information is captured, including Purchase Order Number, Document Creation Date, Seller Quotation Number, Document Update Date and Time, PurchaseOrderType, Document Status, Language, and Currency.

The general information section is followed by contact details for the involved Parties Buyer and Seller.

The item section (SML ItemList) defines a single item: a specific gear pump model. Addionaly, a list of requested certificates and quality requirements defined. Mandatory information on product price is provided and optional tax details. Lastly, the example provides planned delivery dates, ensuring the timeline for fulfillment is clearly communicated.



*Figure 8. Minimal Use Case of Submodel Purchase Order shown for an examples of a Gear Pump (part 1)*

- ▲ **SML** "ItemList" (1 elements) @{SMT/Cardinality=One}
  - ▲ **SMC** #00 "Item" (11 elements) @{SMT/Cardinality=OneToMany}
    - **Prop** "ItemID" = P1234567 @{SMT/Cardinality=One}
    - **Prop** "OrderQuantity" = 1 @{SMT/Cardinality=One}
    - **Prop** "OrderQuantityUnit" = C62 @{SMT/Cardinality=One}
    - **Prop** "ContentQuantity" = 1 @{SMT/Cardinality=ZeroToOne}
    - **Prop** "ContentQuantityUnit" = 1 @{SMT/Cardinality=ZeroToOne}
    - **Prop** "ProductDesignation" = Gear Pump - Type: ZI-65-80K-SPLE-MHP3 @{SMT/Cardinality=One}
    - **Prop** "ProductDescription" = Gearpump Blue Serie @{SMT/Cardinality=One}
    - **Prop** "ScopeOfDelivery" = Pump with free shaft end, without heating jacket, magnetic coupling with coupl... @{SMT/Cardinality=
    - ▲ **SML** "RequestedCertificationsList" (1 elements) @{SMT/Cardinality=ZeroToOne}
      - ▲ **SMC** #00 "RequestedCertification" (3 elements) @{SMT/Cardinality=ZeroToMany}
        - **Prop** "CertificationType" = Technical Docmentation @{SMT/Cardinality=One}
        - **Prop** "CertificationRegulation" = Material certificates EN 10204 3.1 for liquid-contact metal parts @{SMT/Cardinality=On
        - ▲ **SML** "QualityRequirements" (1 elements) @{SMT/Cardinality=ZeroToOne}
          - **Prop** #00 "QualityRequirement" = PerformanceTests: '- Acceptance according to VDMA 24284... @{SMT/Cardinality=Ze
  - ▲ **SMC** "ProductPrice" (4 elements) @{SMT/Cardinality=One}
    - **Prop** "Price" = 27121 @{SMT/Cardinality=One}
    - **Prop** "PriceUnitValue" = 1 @{SMT/Cardinality=One}
    - **Prop** "PriceUnit" = 1 @{SMT/Cardinality=One}
    - ▲ **SMC** "TaxDetails" (3 elements) @{SMT/Cardinality=ZeroToMany}
      - **Prop** "TaxType" = VAT @{SMT/Cardinality=ZeroToOne}
      - **Prop** "TaxRate" = 0.19 @{SMT/Cardinality=ZeroToOne}
      - **Prop** "TaxAmount" = 5172.37 @{SMT/Cardinality=ZeroToOne}
  - ▲ **SML** "DeliveryDateList" (1 elements) @{SMT/Cardinality=One}
    - ▲ **SMC** #00 "DeliveryDate" (6 elements) @{SMT/Cardinality=OneToMany}
      - **Prop** "DeliveryTerms" = DAP @{SMT/Cardinality=ZeroToOne}
      - **Prop** "DeliveryStartDate" = 01.07.2025 @{SMT/Cardinality=ZeroToOne}
      - **Prop** "DeliveryEndDate" = 30.07.2025 @{SMT/Cardinality=ZeroToOne}
      - **Prop** "FixedDeliveryDate" @{SMT/Cardinality=ZeroToOne}
      - **Prop** "PlannedDeliveryDurationInDays" = 180 @{SMT/Cardinality=ZeroToOne}
      - **Prop** "DeliveryComment" = Delivery ca 4-5 Months After all technical details have been clarified. @{SMT/Cardinality=Zerc

*Figure 9. Minimal Use Case of Submodel Purchase Order shown for an examples of a Gear Pump (part 1)*

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