IBPDI Real Estate CDM Documentation

IBPDI Real Estate CDM V2.0
Version: 2.0
Documentation published: December 2023

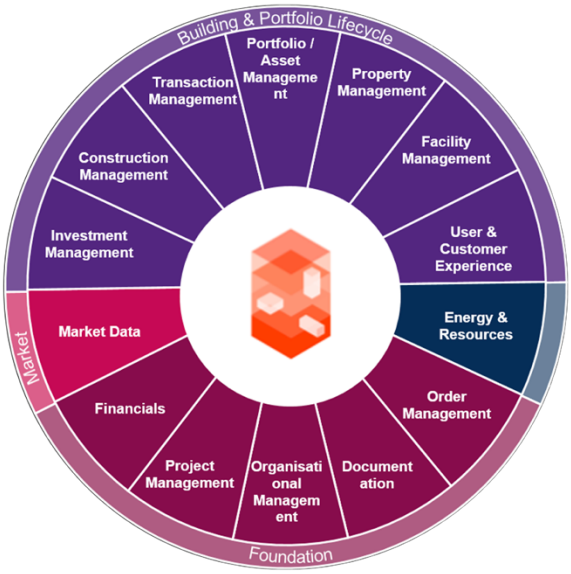
DATA CLUSTER OVERVIEW 2

ENTITIES PER DATA CLUSTER 4

ATTRIBUTES PER ENTITY 14

Data Cluster Overview

The IBPDI Common Data Model for Real Estate is structured in clusters with their corresponding entities representing different specializations and tasks throughout the real estate industry. The clusters are interconnected but yet independent. They cover area-specific processes and cycles that are functional on their own but at the same time depend on or can be improved by exchanging data. The modular structure of the clusters and entities allows organizations to only implement particular clusters of the CDM for Real Estate according to their needs while still being able to expand data sharing possibilities across applications. The CDM for Real Estate is being developed in a series of interconnected working clusters around a single central cluster, the Digital Building Twin. So far the individual data clusters include:



Data Cluster	Description
Construction Management	The construction management cluster comprises all data about planning, coordinating, and providing monitoring and controlling for a lean construction project. Different types of construction such as industrial, civil, commercial, environmental, and residential are covered in construction management.
DigitalTwin	The Digital Building Twin Cluster represents the core of the Common Data Model for real estate. It can be employed to run simulations and carry out performance studies with the goal of gaining valuable insights leading to potential improvements that can be applied to the physical object. Digital twins provide remarkably accurate replicas of building assets by merging spaces, areas, and equipment into a single ecosystem. Digital twins have become a relevant feature since they aim to improve customer experience. One of the core benefits of implementing digital twin is that it allows to map detailed and complex scenarios concerning a building's lifecycle.
Documentation	The documentation cluster includes all data regarding the process of capturing, storing, classifying, and retrieving documents, word processing files, and digital images. It is important to enable centralized storage and streamlined search and retrieval options.
EnergyAndResources	The energy and resource cluster comprises all data related to energy and resource consumption including greenhouse gas emissions and further sustainability related indicators. This ranges from individual data on

Data Cluster	Description
	energy consumption, water consumption, waste output or fugitive emissions to data about past and future amount of heating and cooling degree days. Allowing for potential climate normalization and projection of the energy demand. Besides, this cluster also focuses on the calculation of CO2-equivalents, possible retrofit measures, circular economy, and their impact on the building.
Facility Management	The facility management cluster comprises data about the management of buildings and its requirements throughout the whole building life cycle stages. The focus lies on managing different services to reduce operating and managing costs. Information about the technical availability of all building systems to increase the yield of a building or ensure long-term value retention of the building are part in this cluster as well.
Financials	The financial cluster includes all information about the financial activities and position of the business/entity. The focus also lies on a standardized account structure to allow industry wide comparison. This data is particularly useful for internal management to analyze the business performance and determine whether tactics and strategies must be altered. The following standards have been fully or partially integrated: IFRS, MSCI, gif.
Investment and Transaction Management	The investment and transaction management cluster focuses on information about acquisition and funding of real estate within the scope of given investment guidelines.
Market Data	The market data cluster comprises all data that is related to the external market. Besides only storing internal data market data provides the possibility to store external data and compare internal data against it. This allows benchmarking for example prices or calculated KPIs against the market and using the outcome to make data driven decisions.
OrganisationalManagement	The organizational management cluster comprises information about different business partners including tenants and service providers. It helps managing all kinds of contacts and addresses linking them to corresponding areas within the data model. The following standards have been fully or partially integrated: RICS.
Project Management	The project management cluster stores all information about internal or external projects. The focus lies on scope, milestones, budget as well as optimizing the allocation of necessary inputs and apply them to meet pre-defined objectives
PortfolioAndAssetManagement	Portfolio and asset management stores all information about managing and overseeing the whole or a portion of the real estate portfolio. Portfolio and asset management entails the portfolio structure , so that financial or other company goals can be tracked, evaluated and if needed adjusted. The following standards have been fully or partially integrated: gif, RICS.
PropertyManagement	The property management cluster comprises data about the operation, control, and oversight of the real estate. This includes information about lease contracts, rental payments, and all sorts of tenant communication. Currently, the focus strongly lies on tenant relationship.The following standards have been fully or partially integrated: gif, RICS
UserAndCustomerExperience	The user and customer experience cluster stores all information about the tenant or employee satisfaction. Additionally, all workplace related data as well as occupancy will be covered in this cluster.

Entities per Data Cluster

DigitalTwin

Entity	Description
AccessPanel	Access panel information
AirCompressor	Information about air compressor
AirFilter	Information about air filter
AirHandlingUnit	No description available
AreaMeasurement	Information about the area measurements within the physical building
AreaMeasurementBuilding	Linking entity between AreaMeasurement and Building
AreaMeasurementFloor	Linking entity between AreaMeasurement and Floor
AreaMeasurementLand	Linking entity between AreaMeasurement and Land
AreaMeasurementRentalUnit	Linking entity between AreaMeasurement and RentalUnit
AreaMeasurementSite	Linking entity between AreaMeasurement and Site
AreaMeasurementSpace	Linking entity between AreaMeasurement and Space
AreaMeasurementUnit	Linking entity between AreaMeasurement and Unit
AutomaticTransferSwitch	Information about automatic transfer switch
BacNetController	Information about bac net controller
Boiler	Information about boiler
Building	A building represents a structure that provides shelter for its occupants or contents and stands in one place. The building is also used to provide a basic element within the spatial structure hierarchy for the components of a building project (together with site, storey, and space)
CeilingFan	Information about ceiling fan
Certificate	Any official document related to building, equipment, system etc.
CertificateBuilding	Linking entity between certificate and building
CertificateComponent	Linking entity between certificate and component
CertificateSystem	Linking entity between certificate and system
CertificateValuation	Linking entity between certificate and valuation
Chiller	Information about chiller
CoGenerator	Information about co generator
Component	Component [component, part, apparatus] is a named and individually defined physical object and may require management efforts such as inspections, maintenance, service, or replacement during the use phase

ComponentBuilding	Linking entity between component and building
ComponentFloor	Linking entity between component and floor
ComponentRentalUnit	Linking entity between Component and RentalUnit
ComponentSite	Linking entity between component and site
ComponentSpace	Linking entity between component and space
ComponentSystem	Linking entity between component and system
ComponentType	Type is a specification for components including information on equipment, product types and materials
ComponentUnit	Linking entity between component and unit
CondensingUnit	Information about hvac heat tracing
Controller	Information about controller
CoolingTower	Information about cooling tower
Damper	Information about the damper, also known as duct damper or volume balancing damper is a movable plate, situated in the ductwork that regulates the flow of air and redirects it to specific places of a house
DataNetworkEquipment	Information about data network equipment
DataNetworkSubComponent	Information about data network sub component
ElectricalDistributionEquipmentSubComponent	Information about electrical distribution equipment sub component
ElectricalMeter	Information about electrical meter
ElectricalPanelBoard	Information about electrical panel board
ElectricalPanelBoardMcb	Information about electrical panel board mcb
ElectricalPanelBoardMlo	Information about electrical panel board mlo
ElectricalSystem	Detailed information about the electrical system
ElectricalVehicleChargingStation	Information about electric vehicle charging station
ElectronicSafetyAndSecuritySystem	Detailed information about electronic safety and security system
Elevator	Information about elevator
ElevatorMachine	Information about elevator machine
Escalator	Information about escalator
EthernetSwitchPort	Information about ethernet switch point
FanCoilUnit	Detailed information about fan coil
FanCoilUnitReheat	Information about fan coil unit reheat
FanPoweredBox	Information about fan powered box
FanPoweredBoxReheat	Information about fan powered box reheat
Faucet	Information about faucet

FireDamper	Information about fire damper
FirePump	Information about fire pump
FireSprinklerHead	Information about fire sprinkler head
Floor	The floor has an elevation and typically represents a (nearly) horizontal aggregation of spaces that are vertically bound
FlushometerValve	Information about flushometer valve
GasMeter	Information about gas meter
Gateway	Information about gateway
Generator	Information about the generator
HvacFan	Information about hvac fan
HvacFanSubComponent	Information about other hvac fans
HvacHeatTracing	Information about hvac heat tracing
HvacPump	Information about hvac pump
HvacShutOffValve	Information about hvac shut off valve
HvacSystem	Detailed information about heating, ventilation, and air conditioning system (HVAC) .HVAC refers to the different systems used for moving air between indoor and outdoor areas, along with heating and cooling buildings
HvacTank	Information about hvac tank
HvacValve	Information about hvac valve used to control flow in pipes
IctHardware	Information about ict hardware
InformationAndCommunicationSystem	Information about information and communication system
ItRack	Information about it rack
JockeyPump	Information about jockey pump
Land	A defined area of land, possibly covered with water, on which the project construction is to be completed or already completed
LightingSystem	Information about lighting system
Luminaire	Information about luminaire
ModbusController	Information about modbus controller
MovingWalkway	Information about moving walkway
PlumbingExpansionTank	Information about plumbing expansion tank
PlumbingPump	Information about plumbing pump
PlumbingPumpSubComponent	Information about plumbing pump sub components
PlumbingShutOffValve	Information about plumbing shut off valve
PlumbingStorageTank	Information about plumbing storage tank

PlumbingSystem	Information about system of pipes and fixtures installed in a building for the distribution and use of potable (drinkable) water and the removal of waterborne wastes
PlumbingTank	Information about plumbing tank
PlumbingValve	Information about plumbing valve
PlumbingValveSubComponent	Information about plumbing valve sub components
Sensor	Stores all sensor information, a device which detects or measures a physical property and records, indicates, or otherwise responds to it
SensorBuilding	Linking entity between Sensor and Building. The sensor represents the sensor measurement area which can be different from the physical location
SensorComponent	Linking entity between Sensor and Component
SensorEquipment	Information about sensor equipment
SensorFloor	Linking entity between Sensor and Floor. The sensor represents the sensor measurement area which can be different from the physical location
SensorLand	Linking entity between Sensor and Land. The sensor represents the sensor measurement area which can be different from the physical location
SensorMeasurement	Stores all measurements received from sensors.
SensorRentalUnit	Linking entity between Sensor and RentalUnit. The sensor represents the sensor measurement area which can be different from the physical location
SensorSite	Linking entity between Sensor and Site. The sensor represents the sensor measurement area which can be different from the physical location
SensorSpace	Linking entity between Sensor and Space. The sensor represents the sensor measurement area which can be different from the physical location
SensorUnit	Linking entity between Sensor and Unit. The sensor represents the sensor measurement area which can be different from the physical location
Server	Information about server
Site	Grouping of multiple buildings and lands
Space	A space represents an area or volume bounded actually or theoretically. Spaces are areas or volumes that provide for certain functions within a building
SprinklerHeatTracing	Information about fire sprinkler head
SprinklerTank	Information about fire sprinkler head
SprinklerValve	Information about sprinkler valve
System	Entirety of manageable components with a common function (supply air of a ventilation system)

SystemBuilding	Linking entity between system and building
SystemFloor	Linking entity between system and floor
SystemRentalUnit	Linking entity between System and RentalUnit
SystemSite	Linking entity between system and site
SystemSpace	Linking entity between system and space
SystemUnit	Linking entity between system and unit
TankWaterHeater	Information about tank water heater
TankWaterHeaterSubComponent	Information about tank water heater sub component
TanklessWaterHeater	Information about tankless water heater
TanklessWaterHeaterSubComponent	Information about tankless water heater sub component
TerminalUnit	Information about the terminal unit
ThermalMeter	Information about thermal meter
Toilet	Information about toilet
ToiletFlushometer	Information about toilet flushometer
ToiletTank	Information about toilet tank
TransferSwitch	Information about transfer switch
Transformer	Information about transformer
Unit	A unit is a physical quantity, with a value of one, which is used as a standard in terms of which other quantities are expressed. In the case of a building it can be a grouping of areas, spaces, floors, etc.
UnitBuilding	Linking entity between Unit and Building
UnitFloor	Linking entity between Unit and Floor
UnitHeater	Information about steam unit heater
UnitLand	Linking entity between Unit and Land
UnitSite	Linking entity between Unit and Site
UnitSpace	Linking entity between Unit and Space
Ups	Information about ups
UrinalFlushometer	Information about urinal flushometer
VariableFrequencyDrive	Information about variable frequency drive
VavBoxReheat	Information about the vav box reheat
WaterFiltration	Information about water filtration
WaterHeater	Information about water heater
WaterMeter	Information about water meter
WirelessAccessPoint	Information about wireless access point

Back to Top

EnergyAndResources

Entity	Description
Climate	Regional information on past and future amount of heating and cooling degree days (for potential climate normalisation and projection of energy demand)
ClimateBuilding	Linking entity between Climate and Building
ClimateSite	Linking entity between Climate and Site
EmissionFactor	Emission factors that are applied to convert energy consumption data into greenhouse gas emissions. The entity also includes global warming potential data for non-CO2 greenhouse gases in order to calculate CO2-equivalents (CO2e)
EmissionFactorBuilding	Linking entity between EmissionFactor and Building
EmissionFactorOperationalMeasurement	Linking entity between EmissionFactor and OperationalMeasurement
EmissionFactorSite	Linking entity between EmissionFactor and Site
GhgEmission	Greenhouse gas (Ghg) emissions (in CO2e) corresponding to individual operational measurements.
GhgEmissionBuilding	Linking entity between GhgEmission and Building
GhgEmissionEmissionFactor	Linking entity between GhgEmission and EmissionFactor
GhgEmissionSite	Linking entity between GhgEmission and Site
OperationalMeasurement	Represents individual data on energy consumption, water consumption/withdrawal, waste output or fugitive emissions including various further information (procured by, subtypes, purpose, covered time period)
OperationalMeasurementBuilding	Linking entity between OperationalMeasurement and Building
OperationalMeasurementFloor	Linking entity between OperationalMeasurement and Floor
OperationalMeasurementLand	Linking entity between OperationalMeasurement and Land
OperationalMeasurementRentalUnit	Linking entity between OperationalMeasurement and RentalUnit
OperationalMeasurementSite	Linking entity between OperationalMeasurement and Site
OperationalMeasurementSpace	Linking entity between OperationalMeasurement and Space
OperationalMeasurementUnit	Linking entity between OperationalMeasurement and Unit
SustainabilityIndicator	Sustainability-related information on building-level: energy consumption, net energy demand, carbon emissions (total, separated in emissions scopes, market- and location-based, alignment with targets, excess emissions, carbon costs and penalties)
SustainabilityIndicatorEmissionFactor	Linking entity between SustainabilityIndicator and EmissionFactor

Back to Top

Financials

Entity	Description
Account	IBPDI defined account number based on standardised chart of account
CostCenter	Function or department within a company which is not directly going to generate revenues and profits to the company but is still incurring expenses to the company for its operations
CostCenterBuilding	Linking entity between CostCenter and Building
CostCenterLand	Linking entity between CostCenter and Land
CostCenterPortfolio	Linking entity between CostCenter and Portfolio
CostCenterRentalUnit	Linking entity between CostCenter and RentalUnit
CostCenterSite	Linking entity between CostCenter and Site
IndividualAccount	Company account number based on specific chart of account
IndividualAccountBuilding	Linking entity between IndividualAccount and Building
IndividualAccountPortfolio	Linking entity between IndividualAccount and Portfolio
IndividualAccountSite	Linking entity between IndividualAccount and Site
Transaction	Individual transaction or account balance at specific reporting date

Back to Top

OrganisationalManagement

Entity	Description
Address	Collection of information used to give the location of a building, apartment, or other structure or a plot of land
AddressBuilding	Linking entity between Address and Building
AddressContact	Linking entity between Address and Contact
AddressLand	Linking entity between Address and Land
AddressOrganisation	Linking entity between Address and Organisation
AddressRentalUnit	Linking entity between Address and RentalUnit
AddressSite	Linking entity between Address and Site
Contact	Contact details
GeoCoordinate	Information about geographic data to enable the use of common locations of geographic features, imagery, and observation within a common geographic framework
Organisation	Information about organisations (internal and external)
Role	Defining the role of the organisation or contact
RoleBuildingContact	Linking entity between Role, Building and Organisation
RoleBuildingOrganisation	Linking entity between Role, Building and Organisation

RoleComponentContact	Linking entity between Role, Component and Contact
RoleComponentOrganisation	Linking entity between Role, Component and Organisation
RoleComponentTypeContact	Linking entity between Role, ComponentType and Contact
RoleComponentTypeOrganisation	Linking entity between Role, ComponentType and Organisation
RoleEmissionFactorContact	Linking entity between Role ,EmissionFactor and Contact
RoleEmissionFactorOrganisation	Linking entity between Role, EmissionFactor and Organisation
RoleLandContact	Linking entity between Role, Land and Contact
RoleLandOrganisation	Linking entity between Role, Land and Organisation
RoleOperationalMeasurementContact	Linking entity between Role, OperationalMeasurement and Contact
RoleOperationalMeasurementOrganisation	Linking entity between Role, OperationalMeasurement and Organisation
RolePortfolioContact	Linking entity between Role, Portfolio and Contact
RolePortfolioOrganisation	Linking entity between Role, Portfolio and Organisation
RolePortfolioStrategyContact	Linking entity between Role, PortfolioStrategy and Contact
RolePortfolioStrategyOrganisation	Linking entity between Role, PortfolioStrategy and Organisation
RoleRentalContractContact	Linking entity between Role, RentalContract and Contact
RoleRentalContractOrganisation	Linking entity between Role, RentalContract and Organisation
RoleRentalUnitContact	Linking entity between Role, RentalUnit and Contact
RoleRentalUnitOrganisation	Linking entity between Role, RentalUnit and Organisation
RoleSiteContact	Linking entity between Role, Site and Organisation
RoleSiteOrganisation	Linking entity between Role, Site and Organisation
RoleSystemContact	Linking entity between Role, System and Contact
RoleSystemOrganisation	Linking entity between Role, System and Organisation
RoleTenantCommunicationContact	Linking entity between Role, TenantCommunication and Organisation
RoleTenantCommunicationOrganisation	Linking entity between Role, TenantCommunication and Organisation
RoleValuationContact	Linking entity between Role, Valuation and Contact
RoleValuationOrganisation	Linking entity between Role, Valuation and Organisation

Back to Top

PortfolioAndAssetManagement

Entity	Description
Portfolio	Grouping of real estate assets
PortfolioBuilding	Linking entity between Portfolio and Building

PortfolioLand	Linking entity between Portfolio and Land
PortfolioSite	Linking entity between Portfolio and Site
PortfolioStrategy	Strategy and strategic targets for the use of real estate assets in a portfolio
PortfolioUnit	Linking entity between Portfolio and Unit
Valuation	Financial valuation of buildings or whole portfolios
ValuationBuilding	Linking entity between Valuation and Building
ValuationIndividualAccount	Linking entity between Valuation and IndividualAccount
ValuationLand	Linking entity between Valuation and Land
ValuationOperationalMeasurement	Linking entity between Valuation and OperationalMeasurement

Back to Top

PropertyManagement

Entity	Description
Dunning	Information about outstanding rent receivables
RentalContract	Agreement identifying all information regarding the rental relationship
RentalContractRentalUnit	Linking entity between RentalContract and RentalUnit
RentalOption	Information about rental option of rental contract
RentalPayment	Information about payments related to rental contract
RentalUnit	Structure or part of a structure rented out to a third party as a home, residence, office or for any other use
RentalUnitBuilding	Linking entity between RentalUnit and Building
RentalUnitFloor	Linking entity between RentalUnit and Floor
RentalUnitLand	Linking entity between RentalUnit and Land
RentalUnitSite	Linking entity between RentalUnit and Site
RentalUnitSpace	Linking entity between RentalUnit and Space
RentalUnitUnit	Linking entity between RentalUnit and Unit
TenantCommunication	Communication between different parties involved in operation, control, and oversight of the real estate

Back to Top

UserAndCustomerExperience

Entity	Description
AvailableResource	Available resources on workspace
AvailableResourceWorkspace	Linking entity between AvailableResources and Workspace

Booking	Information about bookings
BookingWorkspace	Linking entity between Booking and Workspace
Characteristic	Characteristics of workspace
CharacteristicNeighbourhood	Linking entity between Characteristics and Neighbourhood
CharacteristicWorkspace	Linking entity between Characteristics and Workspace
CustomerFile	Information about customer files
CustomerFileWorkArea	Linking entity between CustomerFile and WorkArea
CustomerFileWorkspace	Linking entity between CustomerFile and Workspace
Neighbourhood	A group of workspaces that can be assigned to one or many organisational departments
NeighbourhoodWorkspace	Linking entity between Neighbourhood and Workspace
Tag	User defined "tag" information on neighbourhood
TagNeighbourhood	Linking entity between Tag and Neighbourhood
WorkArea	Work area that represents area used for certain functions within the organisation
WorkAreaFloor	Linking entity between WorkArea and Floor
WorkAreaSpace	Linking entity between WorkArea and Space
WorkAreaType	Type of work area
Workspace	All workplace related information ranging from the number of workplaces to security regulations that need to be in place within a work environment.
WorkspaceSensor	Linking entity between Workspace and Sensor. The sensor represents the sensor measurement area which can be different from the physical location

Back to Top

Attributes per Entity

AccessPanel

Attribute	Description
AccessPanelId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FireRating	Fire rating
FrameMaterial	Frame material
Height	Height
Material	Material of access panel
Thickness	Thickness
Type	Access panel type
Width	Width

Back to Top

AirCompressor

Attribute	Description
AirCompressorId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FreeAirDelivery	Free air delivery
MotorPower	Motor power
WorkingPressure	WorkingPressure

Back to Top

AirFilter

Attribute	Description
AirFilterId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Currency	Currency
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years

FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

AirHandlingUnit

Attribute	Description
AirHandlingUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
AirflowModulation	Airflow modulation
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Currency	Currency
DehumidificationMethod	Dehumidification method
DischargeDuctworkConfiguration	Discharge ductwork configuration
ExhaustFanCommissionDate	Exhaust fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ExhaustFanDriveType	Exhaust fan fan drive type
ExhaustFanDurationLifeYear	Exhaust fan life span of component in years
ExhaustFanExpectedEndOfLife	Exhaust fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ExhaustFanExpectedReplacementCost	Exhaust fan expected replacement costs
ExhaustFanInitialCost	Exhaust fan initial cost

ExhaustFanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ExhaustFanMaintenanceInterval	Exhaust fan maintenance interval either as string: monthly, quarterly, etc. or as month
ExhaustFanMaxAirflowRating	Exhaust fan max flow capacity
ExhaustFanMinAirflowRating	Exhaust fan min flow capacity
ExhaustFanModelNumber	Model number of exhaust fan
ExhaustFanMotorPower	Exhaust fan motor power
ExhaustFanName	Name of exhaust fan
ExhaustFanNominalAirflow	Exhaust fan nominal airflow
ExhaustFanSerialNumber	Serial number of exhaust fan
ExhaustFanTagNumber	Exhaust fan tag number
ExhaustFanTurnoverDate	Exhaust fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FilterType	Filter type
HumidificationMethod	Humidification method
MixingBoxCommissionDate	Mixing box commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MixingBoxDurationLifeYear	Mixing box life span of component in years
MixingBoxEconomiser	Mixing box economizer
MixingBoxExpectedEndOfLife	Mixing box expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MixingBoxExpectedReplacementCost	Mixing box expected replacement costs
MixingBoxInitialCost	Mixing box initial cost
MixingBoxInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MixingBoxMaintenanceInterval	Mixing box maintenance interval either as string: monthly, quarterly, etc. or as month
MixingBoxModelNumber	Model number of mixing box
MixingBoxName	Mixing box name of product
MixingBoxSerialNumber	Serial number of re heating
MixingBoxTagNumber	Mixing box tag number
MixingBoxTurnoverDate	Mixing box turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
NetSensibleCoolingCapacity	Net sensible cooling capacity
NominalCoolingCapacity	Nominal cooling capacity
NominalHeatingCapacity	Nominal heating capacity

PreHeatingCommissionDate	Pre heating commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PreHeatingDurationLifeYear	Pre heating life span of component in years
PreHeatingExpectedEndOfLife	Pre heating expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PreHeatingExpectedReplacementCost	Pre heating expected replacement costs
PreHeatingInitialCost	Pre heating initial cost
PreHeatingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PreHeatingMaintenanceInterval	Pre heating maintenance interval either as string: monthly, quarterly, etc. or as month
PreHeatingModelNumber	Model number of pre heating
PreHeatingName	Pre heating name of product
PreHeatingOutsideDiameter	Pre heating outside diameter
PreHeatingSerialNumber	Serial number of pre heating
PreHeatingTagNumber	Pre heating tag number
PreHeatingTurnoverDate	Pre heating turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PreHeatingType	Pre heating type
PrimaryCoolingCommissionDate	Primary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingDurationLifeYear	Primary cooling life span of component in years
PrimaryCoolingExpectedEndOfLife	Primary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingExpectedReplacementCost	Primary cooling expected replacement costs
PrimaryCoolingInitialCost	Primary cooling initial cost
PrimaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingMaintenanceInterval	Primary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
PrimaryCoolingMethodRefrigerantType	Primary cooling refrigerant type
PrimaryCoolingMethodType	Primary cooling method type
PrimaryCoolingModelNumber	Model number of primary cooling
PrimaryCoolingName	Primary cooling name of product
PrimaryCoolingOutsideDiameter	Primary cooling outside diameter
PrimaryCoolingSerialNumber	Serial number of primary cooling
PrimaryCoolingTagNumber	Primary cooling tag number

PrimaryCoolingTurnoverDate	Primary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingCommissionDate	Re heating commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingDurationLifeYear	Re heating life span of component in years
ReHeatingExpectedEndOfLife	Re heating expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingExpectedReplacementCost	Re heating expected replacement costs
ReHeatingInitialCost	Re heating initial cost
ReHeatingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingMaintenanceInterval	Re heating maintenance interval either as string: monthly, quarterly, etc. or as month
ReHeatingModelNumber	Model number of re heating
ReHeatingName	Re heating name of product
ReHeatingOutsideDiameter	Re heating outside diameter
ReHeatingSerialNumber	Serial number of re heating
ReHeatingTagNumber	Re heating tag number
ReHeatingTurnoverDate	Re heating turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingType	Re heating type
RefrigerantType	Refrigerant type
ReturnFanCommissionDate	Return fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReturnFanDriveType	Return fan fan drive type
ReturnFanDurationLifeYear	Return fan life span of component in years
ReturnFanExpectedEndOfLife	Return fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReturnFanExpectedReplacementCost	Return fan expected replacement costs
ReturnFanInitialCost	Return fan initial cost
ReturnFanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReturnFanMaintenanceInterval	Return fan maintenance interval either as string: monthly, quarterly, etc. or as month
ReturnFanMaxAirflowRating	Return fan max flow capacity
ReturnFanMinAirflowRating	Return fan min flow capacity
ReturnFanModelNumber	Model number of return fan
ReturnFanMotorPower	Return fan motor power

ReturnFanName	Name of return fan
ReturnFanNominalAirflow	Return fan nominal airflow
ReturnFanSerialNumber	Serial number of return fan
ReturnFanTagNumber	Return fan tag number
ReturnFanTurnoverDate	Return fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingCommissionDate	Secondary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingDurationLifeYear	Secondary cooling life span of component in years
SecondaryCoolingExpectedEndOfLife	Secondary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingExpectedReplacementCost	Secondary cooling expected replacement costs
SecondaryCoolingInitialCost	Secondary cooling initial cost
SecondaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingMaintenanceInterval	Secondary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
SecondaryCoolingMethodRefrigerantType	Secondary cooling refrigerant type
SecondaryCoolingMethodType	Secondary cooling method type
SecondaryCoolingModelNumber	Model number of secondary cooling
SecondaryCoolingName	Secondary cooling name of product
SecondaryCoolingOutsideDiameter	Secondary cooling outside diameter
SecondaryCoolingSerialNumber	Serial number of secondary cooling
SecondaryCoolingTagNumber	Secondary cooling tag number
SecondaryCoolingTurnoverDate	Secondary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SupplyFanCommissionDate	Supply fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SupplyFanDriveType	Supply fan fan drive type
SupplyFanDurationLifeYear	Supply fan life span of component in years
SupplyFanExpectedEndOfLife	Supply fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SupplyFanExpectedReplacementCost	Supply fan expected replacement costs
SupplyFanInitialCost	Supply fan initial cost
SupplyFanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SupplyFanMaintenanceInterval	Supply fan maintenance interval either as string: monthly, quarterly, etc. or as month

SupplyFanMaxAirflowRating	Supply fan max flow capacity
SupplyFanMinAirflowRating	Supply fan min flow capacity
SupplyFanModelNumber	Model number of supply fan
SupplyFanMotorPower	Supply fan motor power
SupplyFanName	Name of supply fan
SupplyFanNominalAirflow	Supply fan nominal airflow
SupplyFanSerialNumber	Serial number of supply fan
SupplyFanTagNumber	Supply fan tag number
SupplyFanTurnoverDate	Supply fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Type	Define the specific air handling unit type
VentilationConfiguration	Ventilation configuration
VentilationStrategy	Ventilation strategy

Back to Top

AreaMeasurement

Attribute	Description
Accuracy	Accuracy of area measurement
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
Standard	Area measurement standard
Type	Type of the standard area
Unit	Unit area is measured with
ValidFrom	Date measurement was taken in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date measurement is not valid anymore /needs to be renewed in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of measurement

Back to Top

AreaMeasurementBuilding

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementFloor

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementLand

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
LandId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementRentalUnit

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementSite

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementSpace

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AreaMeasurementUnit

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AutomaticTransferSwitch

Attribute	Description
AutomaticTransferSwitchId	Unique identifier either coming from previous system otherwise it needs to be defined
MainBusCurrentRating	Current rating
MainBusMaterial	Material
MainsRating	Mains rating
Poles	Poles
SwitchingMechanism	Switching Mechanism
TransferSwitchId	Unique identifier either coming from previous system otherwise it needs to be defined
TransitionType	Transition type

Back to Top

BacNetController

Attribute	Description
Address	Bac net controller address
BacNetControllerId	Unique identifier either coming from previous system otherwise it needs to be defined
ConnectorId	Registration id
ControllerId	Unique identifier either coming from previous system otherwise it needs to be defined
Detected	Detected (Y/N)
Enabled	Enabled (Y/N)
RegistrationId	Registration id
RegistrationKey	Registration key

Back to Top

Boiler

Attribute	Description
BoilerId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Medium	Medium of boiler
PowerInput	Power input
PowerOutput	Power output

Recovery100FRise	Recovery rate to 100 frise in l per hour
TankCapacity	Tank capacity
Type	Boiler type

Back to Top

Building

Attribute	Description
AirConditioning	Does the building have air conditioning (Y/N) (Needed for precise future emissions projection of building)
BuildingCode	User specific Building Code
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
ConstructionYear	Year of construction in yyyy-mm-ddThh:mm:ssZ form (conform ISO 8061). In case only year exists use yyyy-01-01 00:00:00.
ElectricVehicleChargingStations	Number of electric vehicle charging stations
EnergyEfficiencyClass	Energy Efficiency Class of Building
MonumentProtection	The building is declared to be an ancient monument with national importance by the government
Name	User specific building name e.g: EMEA Headquarter, Office Berlin
ParkingSpaces	Number of parking spaces
PrimaryEnergyType	Type of energy used
PrimaryHeatingType	Primary Type of heating
PrimaryTypeOfBuilding	Type of building use
PrimaryWaterType	Type of water used
SecondaryHeatingType	Secondary Type of heating
SecondaryTypeOfBuilding	Second type of building use
SelfUse	Is building self used or not (Y/N)
Status	Status of building
Std	Reference to the Site which the building belongs to
TenantStructure	Is there multiple tenants in the building or only one
TypeOfOwnership	Is the building owned or leased.
VldFrm	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Vldntl	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
YearOfLastRefurbishment	Year of last refurbishment took place in yyyy-mm-ddThh:mm:ssZ form (conform ISO 8061). In case only year exists use yyyy-01-01 00:00:00.

Back to Top

CeilingFan

Attribute	Description
BladeDiameter	Blade diameter of ceiling fan
CeilingFanId	Unique identifier either coming from previous system otherwise it needs to be defined
Currency	Currency
DriveType	Ceiling fan drive type
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost

FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HvacFanId	Unique identifier either coming from previous system otherwise it needs to be defined
MaxAirflowRating	Max flow capacity
MaxRotationSpeed	Max rotation speed in rotations per minute
MinAirflowRating	Min flow capacity
MotorPower	Motor power
NominalAirflow	Nominal airflow
Type	Ceiling fan type

Back to Top

Certificate

Attribute	Description
CertificateId	Unique identifier either coming from previous system otherwise it needs to be defined
CertificateUrl	Certificate Url
CertificateValue	Score, grade if applicable for the certificate
DocumentId	Link to document
IssuingDate	Date certificate was issued in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Name	Name of Certificate
Type	Type of Certificate e.g: LEED, BREEAM, DGNB
ValidFrom	Date certificate is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date certificate expires in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

CertificateBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
CertificateId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CertificateComponent

Attribute	Description
CertificateId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CertificateSystem

Attribute	Description
CertificateId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CertificateValuation

Attribute	Description
CertificateId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Chiller

Attribute	Description
ChillerId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
CompressorType	Compressor type
NetSensibleCoolingCapacity	Net sensible cooling capacity

NominalCoolingCapacity	Nominal cooling capacity
RefrigerantType	Refrigerant type
Type	Chiller type

Back to Top

CoGenerator

Attribute	Description
BulkStorageCapacity	Bulk storage capacity
CoGeneratorId	Unique identifier either coming from previous system otherwise it needs to be defined
DayTankCapacity	Day tank capacity
Frequency	Frequency
FuelType	Fuel type
GeneratorId	Unique identifier either coming from previous system otherwise it needs to be defined
ModeOfOperation	Mode of operation
OutputPhases	Output phases
OutputVoltage	Output voltage
PrimePower	Standby power
PrimePowerKva	Prime power kva
StandbyPower	Standby power
StandbyPowerKva	Standby power kva

Back to Top

Component

Attribute	Description
Barcode	Barcode of component
CommissionDate	Commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ConditionStatus	Condition of component
Counter	Counter of component
Currency	Currency
Description	Description of component
DurationLifeYear	Life span of component in years

ExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ExpectedReplacementCost	Expected replacement costs
GeometrySpatialReference	Description of component
InitialCost	Initial cost
InstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Name	Name of component
SerialNumber	Serial number of component
TagNumber	Tag number
TurnoverDate	Turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Type	Type of component
WarrantyStartDate	Warranty start date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

ComponentBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentFloor

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentRentalUnit

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentSite

Attribute	Description

ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentSpace

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentSystem

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ComponentType

Attribute	Description
CeIdentification	European identification number
Class	Class component belongs to
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Description	Description of component type
DocumentId	Link to document
ExpectedLifeYear	Life span of product in years
MaintenanceGroup	Maintenance group
MaintenanceInterval	Maintenance interval either as string: monthly, quarterly, etc. or as month
MaintenanceRelevance	Relevance of maintenance
Model	Component type name and/or number
ModelNumber	Model number of component type
Name	Name of product
Type	Type of component type
UrlLibrary	Product website
WarrantyDuration	Warranty duration in months

Back to Top

ComponentUnit

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CondensingUnit

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
CondensingUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
EnergyEfficiencyRating	Energy efficiency rating
NetSensibleCoolingCapacity	Net sensible cooling capacity
NetSensibleHeatingCapacity	Net sensible heating capacity
NominalCoolingCapacity	Nominal cooling capacity
NominalHeatingCapacity	Nominal heating capacity
RefrigerantType	Refrigerant type
Type	Condensing unit type

Back to Top

Controller

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ConnectorId	Registration id
ControllerId	Unique identifier either coming from previous system otherwise it needs to be defined
Detected	Detected (Y/N)
Enabled	Enabled (Y/N)
RegistrationId	Registration id
RegistrationKey	Registration key
Type	Controller type

Back to Top

CoolingTower

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
CoolingTowerId	Unique identifier either coming from previous system otherwise it needs to be defined
Currency	Currency
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FlowCapacity	Flow capacity
NominalCoolingCapacity	Nominal cooling capacity

Back to Top

Damper

Attribute	Description
BladeType	Blade type of damper (usually two different types of blade dampers used to modulate air flow: parallel and opposed blade dampers)
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined

DamperId	Unique identifier either coming from previous system otherwise it needs to be defined
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
LeakageClass	Class component belongs to
Type	Define the specific damper type

Back to Top

DataNetworkEquipment

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
DataNetworkEquipmentId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
RackPosition	It rack position
Type	Data network type

Back to Top

DataNetworkSubComponent

Attribute	Description
DataNetworkEquipmentId	Unique identifier either coming from previous system otherwise it needs to be defined
DataNetworkSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
HeightRUs	Height of RUs (rack units)
NumberOfPorts	Number of ports
RackPosition	It rack position
Type	Data network equipment sub component type

Back to Top

ElectricalDistributionEquipmentSubComponent

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalDistributionEquipmentSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
InputPhases	Input phases
InputVoltage	Input voltage
MainBusCommissionDate	Electrical distribution equipment sub component commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusCurrentRating	Current rating
MainBusDurationLifeYear	Electrical distribution equipment sub component life span of component in years
MainBusExpectedEndOfLife	Electrical distribution equipment sub component expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusExpectedReplacementCost	Electrical distribution equipment sub component expected replacement costs
MainBusInitialCost	Electrical distribution equipment sub component initial cost
MainBusInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusMaintenanceInterval	Electrical distribution equipment sub component maintenance interval either as string: monthly, quarterly, etc. or as month
MainBusMaterial	Material
MainBusModelNumber	Model number of electrical distribution equipment sub component

MainBusName	Main bus name
MainBusSerialNumber	Serial number of electrical distribution equipment sub component
MainBusTagNumber	Electrical distribution equipment sub component tag number
MainBusTurnoverDate	Electrical distribution equipment sub component turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ShortCircuitRating	Short circuit rating

Back to Top

ElectricalMeter

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalMeterId	Unique identifier either coming from previous system otherwise it needs to be defined
ExportEnergy	Export energy
ExportPower	Export power
ImportEnergy	Import energy
ImportPower	Import power
NetEnergy	Net energy
NetPower	Net power
Type	Electrical meter type

Back to Top

ElectricalPanelBoard

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalPanelBoardId	Unique identifier either coming from previous system otherwise it needs to be defined
InputPhases	Input phases
InputVoltage	Input voltage
MainBusCommissionDate	Electrical panel board commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusCurrentRating	Current rating
MainBusDurationLifeYear	Electrical panel board life span of component in years

MainBusExpectedEndOfLife	Electrical panel board expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusExpectedReplacementCost	Electrical panel board expected replacement costs
MainBusInitialCost	Electrical panel board initial cost
MainBusInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusMaintenanceInterval	Electrical panel board maintenance interval either as string: monthly, quarterly, etc. or as month
MainBusMaterial	Material
MainBusModelNumber	Model number of electrical panel board
MainBusName	Main bus name
MainBusSerialNumber	Serial number of electrical panel board
MainBusTagNumber	Electrical panel board number
MainBusTurnoverDate	Electrical panel board turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxNumberOfPoles	Max number of poles
OutputPhases	Output phases
ShortCircuitRating	Short circuit rating
Type	Electrical panel board type

Back to Top

ElectricalPanelBoardMcb

Attribute	Description
ElectricalPanelBoardId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalPanelBoardMcbId	Unique identifier either coming from previous system otherwise it needs to be defined
InputPhases	Input phases
InputVoltage	Input voltage
MainBusCommissionDate	Electrical panel board mcb commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusCurrentRating	Current rating
MainBusDurationLifeYear	Electrical panel board mcb life span of component in years
MainBusExpectedEndOfLife	Electrical panel board mcb expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusExpectedReplacementCost	Electrical panel board mcb expected replacement costs
MainBusInitialCost	Electrical panel board mcb initial cost
MainBusInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

MainBusMaintenanceInterval	Electrical panel board mcb maintenance interval either as string: monthly, quarterly, etc. or as month
MainBusMaterial	Material
MainBusModelNumber	Model number of electrical panel board mcb
MainBusName	Main bus name
MainBusSerialNumber	Serial number of electrical panel board mcb
MainBusTagNumber	Electrical panel board mcb tag number
MainBusTurnoverDate	Electrical panel board mcb turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxNumberOfPoles	Max number of poles
McbRating	Mcb rating
OutputPhases	Output phases
ShortCircuitRating	Short circuit rating

Back to Top

ElectricalPanelBoardMlo

Attribute	Description
ElectricalPanelBoardId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalPanelBoardMloId	Unique identifier either coming from previous system otherwise it needs to be defined
InputPhases	Input phases
InputVoltage	Input voltage
MainBusCommissionDate	Electrical panel board mlo commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusCurrentRating	Current rating
MainBusDurationLifeYear	Electrical panel board mlo life span of component in years
MainBusExpectedEndOfLife	Electrical panel board mlo expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusExpectedReplacementCost	Electrical panel board mlo expected replacement costs
MainBusInitialCost	Electrical panel board mlo initial cost
MainBusInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MainBusMaintenanceInterval	Electrical panel board mlo maintenance interval either as string: monthly, quarterly, etc. or as month
MainBusMaterial	Material
MainBusModelNumber	Model number of electrical panel board mlo
MainBusName	Main bus name

MainBusSerialNumber	Serial number of electrical panel board mlo
MainBusTagNumber	Electrical panel board mlo tag number
MainBusTurnoverDate	Electrical panel board mlo turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxNumberOfPoles	Max number of poles
OutputPhases	Output phases
ShortCircuitRating	Short circuit rating

Back to Top

ElectricalSystem

Attribute	Description
CircuitLoadName	Circuit load name
CircuitName	Circuit name
CircuitNumber	Circuit number
ConnectedDemand	Connected demand. The sum of ratings of all electrical equipments that are connected at the supply point regardless of their status of operation
CurrentDraw	Amount of current an amplifier demands while it is operating in amps
DedicatedCircuit	Dedicated circuit (Y/N)
ElectricalCurrentDensity	Amount of electric current flowing through a unit cross-sectional area
ElectricalPowerFactor	Power factor usually in percentage and expression of energy efficiency
ElectricalSource	Electrical source
ElectricalSystemId	Unique identifier either coming from previous system otherwise it needs to be defined
EstimatedDemand	Estimated demand
HVACConnectedDemand	Connected demand HVAC
HVACEstimatedDemand	Estimated demand HVAC
LightingConnectedDemand	Connected demand lighting
LightingEstimatedDemand	Estimated demand lighting
MaximumNumberOfPoleBreakers	Maximum number of pole breakers
NumberOfHotConductors	Number of hot conductors
NumberOfNeutralConductors	Number of neutral conductors
NumberOfPoles	Number of poles
NumberOfRuns	Number of runs
OtherConnectedDemand	Connected demand other
OtherEstimatedDemand	Estimated demand other

PowerConnectedDemand	Connected demand power
PowerEstimatedDemand	Estimated demand power
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined
TotalPanels	Number of panels
TrueCurrent	True amount of current
TrueLoad	True amount of load
WireSize	Size of wire in square millimeters
WireType	Type of wire

Back to Top

ElectricalVehicleChargingStation

Attribute	Description
ChargingLevel	Charging level
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElectricalVehicleChargingStationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ElectronicSafetyAndSecuritySystem

Attribute	Description
AlarmType	Type of alarm
BackupBatteryCapacity	Backup battery capacity (Y/N)
DisplayType	Type of display
ElectronicSafetyAndSecuritySystemId	Unique identifier either coming from previous system otherwise it needs to be defined
FailSafeCapability	Fail safe capability (Y/N)
StatusCode	Status code of alarm
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemStatus	System status of electronic safety and security system

Back to Top

Elevator

Attribute	Description

ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElevatorId	Unique identifier either coming from previous system otherwise it needs to be defined
EmergencyCommunicationOneWayVideo	Emergency communication two way message display
EmergencyCommunicationTwoWayMessageDisplay	Emergency communication two way message display
EmergencyCommunicationTwoWayVoice	Emergency communication two way voice
FireServiceAccessElevator	Fire service access elevator
MaxLandings	Max landings
MaxTravelDistance	Max travel distance
MaxTravelSpeed	Max travel speed
PersonCapacity	Person capacity
Type	Elevator type
WeightCapacity	Heating capacity in british thermal unit (btu)

Back to Top

ElevatorMachine

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ElevatorMachineId	Unique identifier either coming from previous system otherwise it needs to be defined
MotorPower	Motor power
Type	Elevator machine type
WeightCapacity	Heating capacity in british thermal unit (btu)

Back to Top

Escalator

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
EscalatorId	Unique identifier either coming from previous system otherwise it needs to be defined
Inclination	Inclination
MaxTravelSpeed	Speed of escalator
MaxVerticalRise	Motor power
StepWidth	Step width
Type	Escalator type

Back to Top

EthernetSwitchPort

Attribute	Description
DataNetworkEquipmentId	Unique identifier either coming from previous system otherwise it needs to be defined
EthernetSwitchPortId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
PortSpeed	Port speed
PortType	Port type
RackPosition	It rack position

Back to Top

FanCoilUnit

Attribute	Description
Currency	Currency
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

FanCoilUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FilterType	Filter type
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
NetSensibleCoolingCapacity	Net sensible cooling capacity
NominalCoolingCapacity	Nominal cooling capacity
PrimaryCoolingCommissionDate	Primary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingDurationLifeYear	Primary cooling life span of component in years
PrimaryCoolingExpectedEndOfLife	Primary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingExpectedReplacementCost	Primary cooling expected replacement costs
PrimaryCoolingInitialCost	Primary cooling initial cost
PrimaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

PrimaryCoolingMaintenanceInterval	Primary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
PrimaryCoolingMethodRefrigerantType	Primary cooling refrigerant type
PrimaryCoolingMethodType	Primary cooling method type
PrimaryCoolingModelNumber	Model number of primary cooling
PrimaryCoolingName	Primary cooling name of product
PrimaryCoolingOutsideDiameter	Primary cooling outside diameter
PrimaryCoolingSerialNumber	Serial number of primary cooling
PrimaryCoolingTagNumber	Primary cooling tag number
PrimaryCoolingTurnoverDate	Primary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
RefrigerantType	Refrigerant type
SecondaryCoolingCommissionDate	Secondary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingDurationLifeYear	Secondary cooling life span of component in years
SecondaryCoolingExpectedEndOfLife	Secondary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingExpectedReplacementCost	Secondary cooling expected replacement costs
SecondaryCoolingInitialCost	Secondary cooling initial cost
SecondaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingMaintenanceInterval	Secondary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
SecondaryCoolingMethodRefrigerantType	Secondary cooling refrigerant type
SecondaryCoolingMethodType	Secondary cooling method type
SecondaryCoolingModelNumber	Model number of secondary cooling
SecondaryCoolingName	Secondary cooling name of product
SecondaryCoolingOutsideDiameter	Secondary cooling outside diameter
SecondaryCoolingSerialNumber	Serial number of secondary cooling
SecondaryCoolingTagNumber	Secondary cooling tag number
SecondaryCoolingTurnoverDate	Secondary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
TerminalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Fan coil unit type

Back to Top

FanCoilUnitReheat

Attribute	Description
Configuration	Fan coil unit reheat configuration
Currency	Currency
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanCoilUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
FanCoilUnitReheatId	Unique identifier either coming from previous system otherwise it needs to be defined
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month

FanMaxAirflowRating	Fan max rate
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FilterType	Filter type
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
NetSensibleCoolingCapacity	Net sensible cooling capacity
NominalCoolingCapacity	Nominal cooling capacity
NominalHeatingCapacity	Nominal heating capacity
PrimaryCoolingCommissionDate	Primary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingDurationLifeYear	Primary cooling life span of component in years
PrimaryCoolingExpectedEndOfLife	Primary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingExpectedReplacementCost	Primary cooling expected replacement costs
PrimaryCoolingInitialCost	Primary cooling initial cost
PrimaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PrimaryCoolingMaintenanceInterval	Primary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
PrimaryCoolingMethodType	Primary cooling method type
PrimaryCoolingModelNumber	Model number of primary cooling
PrimaryCoolingName	Primary cooling name of product
PrimaryCoolingOutsideDiameter	Primary cooling outside diameter
PrimaryCoolingRefrigerantType	Primary cooling refrigerant type
PrimaryCoolingSerialNumber	Serial number of primary cooling
PrimaryCoolingTagNumber	Primary cooling tag number
PrimaryCoolingTurnoverDate	Primary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

ReHeatingCommissionDate	Re heating commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingDurationLifeYear	Re heating life span of component in years
ReHeatingExpectedEndOfLife	Re heating expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingExpectedReplacementCost	Re heating expected replacement costs
ReHeatingInitialCost	Re heating initial cost
ReHeatingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingMaintenanceInterval	Re heating maintenance interval either as string: monthly, quarterly, etc. or as month
ReHeatingModelNumber	Model number of re heating
ReHeatingName	Re heating name of product
ReHeatingOutsideDiameter	Re heating outside diameter
ReHeatingSerialNumber	Serial number of re heating
ReHeatingTagNumber	Re heating tag number
ReHeatingTurnoverDate	Re heating turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingType	Re heating type
RefrigerantType	Refrigerant type
SecondaryCoolingCommissionDate	Secondary cooling commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingDurationLifeYear	Secondary cooling life span of component in years
SecondaryCoolingExpectedEndOfLife	Secondary cooling expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingExpectedReplacementCost	Secondary cooling expected replacement costs
SecondaryCoolingInitialCost	Secondary cooling initial cost
SecondaryCoolingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryCoolingMaintenanceInterval	Secondary cooling maintenance interval either as string: monthly, quarterly, etc. or as month
SecondaryCoolingMethodRefrigerantType	Secondary cooling refrigerant type
SecondaryCoolingMethodType	Secondary cooling method type
SecondaryCoolingModelNumber	Model number of secondary cooling
SecondaryCoolingName	Secondary cooling name of product
SecondaryCoolingOutsideDiameter	Secondary cooling outside diameter
SecondaryCoolingSerialNumber	Serial number of secondary cooling
SecondaryCoolingTagNumber	Secondary cooling tag number

SecondaryCoolingTurnoverDate	Secondary cooling turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Type	Fan coil unit reheat type

Back to Top

FanPoweredBox

Attribute	Description
Configuration	Fan powered box configuration
Currency	Currency
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost

FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanPoweredBoxId	Unique identifier either coming from previous system otherwise it needs to be defined
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
TerminalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

FanPoweredBoxReheat

Attribute	Description
Configuration	Fan powered box configuration
Currency	Currency
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month

DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanPoweredBoxReheatId	Unique identifier either coming from previous system otherwise it needs to be defined
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
NominalHeatingCapacity	Nominal heating capacity
ReHeatingCommissionDate	Re heating commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingDurationLifeYear	Re heating life span of component in years

ReHeatingExpectedEndOfLife	Re heating expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingExpectedReplacementCost	Re heating expected replacement costs
ReHeatingInitialCost	Re heating initial cost
ReHeatingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingMaintenanceInterval	Re heating maintenance interval either as string: monthly, quarterly, etc. or as month
ReHeatingModelNumber	Model number of re heating
ReHeatingName	Re heating name of product
ReHeatingOutsideDiameter	Re heating outside diameter
ReHeatingSerialNumber	Serial number of re heating
ReHeatingTagNumber	Re heating tag number
ReHeatingTurnoverDate	Re heating turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingType	Re heating type
TerminalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Faucet

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FaucetId	Unique identifier either coming from previous system otherwise it needs to be defined
MaxFlowRate	Max flow capacity
MountedOn	Mounted on
NumberOfHandles	Number of handles
Type	Faucet type

Back to Top

FireDamper

Attribute	Description
BladeType	Blade type of damper (usually two different types of blade dampers used to modulate air flow: parallel and opposed blade dampers)
DamperId	Unique identifier either coming from previous system otherwise it needs to be defined

DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FireDamperId	Unique identifier either coming from previous system otherwise it needs to be defined
FireRating	Fire rating of fire damper
LeakageClass	Class component belongs to

Back to Top

FirePump

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FirePumpId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
HeadCapacity	Head capacity
PressureCapacity	Pressure capacity
PumpingMedia	Pumping media

Back to Top

FireSprinklerHead

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FireSprinklerHeadId	Unique identifier either coming from previous system otherwise it needs to be defined
KFactorImperial	K factor imperial
KFactorMetric	K factor metric
Type	Fire sprinkler head type

Back to Top

Floor

Attribute	Description
Bldngd	Reference to the Building which the Floor belongs to
FloorCode	User specific Floor Code
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
FloorNumber	Number of floor
Name	Name of floor
ValidFrom	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

FlushometerValve

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlushometerValveId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedOn	Mounted on
Technology	Technology
Type	Faucet type
WaterPerFlush	Water per flush

Back to Top

GasMeter

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
GasMeterId	Unique identifier either coming from previous system otherwise it needs to be defined

Mass	Volume flow
MassFlow	Mass flow
Measures	Substance that is measured
Type	Water meter type

Back to Top

Gateway

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ConnectorId	Registration id
Detected	Detected (Y/N)
Enabled	Enabled (Y/N)
GatewayId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
RackPosition	It rack position
RegistrationId	Registration id
RegistrationKey	Registration key

Back to Top

Generator

Attribute	Description
BulkStorageCapacity	Bulk storage capacity
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
DayTankCapacity	Day tank capacity
Frequency	Frequency
FuelType	Fuel type
GeneratorId	Unique identifier either coming from previous system otherwise it needs to be defined
ModeOfOperation	Mode of operation
OutputPhases	Output phases
OutputVoltage	Output voltage
PrimePower	Standby power
PrimePowerKva	Prime power kva
StandbyPower	Standby power
StandbyPowerKva	Standby power kva

Type	Generator type

Back to Top

HvacFan

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
DriveType	Hvac fan drive type
HvacFanId	Unique identifier either coming from previous system otherwise it needs to be defined
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
MotorPower	Motor power
NominalAirflow	Nominal airflow
Type	Define the specific hvac fan type

Back to Top

HvacFanSubComponent

Attribute	Description
Currency	Currency
DriveType	Other hvac fan drive type
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape

DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HvacFanId	Unique identifier either coming from previous system otherwise it needs to be defined
HvacFanSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
MaxAirflowRating	Max flow capacity
MaxRotationSpeed	Max rotation speed in rotations per minute
MinAirflowRating	Min flow capacity
MotorPower	Motor power
NominalAirflow	Nominal airflow
Type	Ceiling fan type

Back to Top

HvacHeatTracing

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
HvacHeatTracingId	Unique identifier either coming from previous system otherwise it needs to be defined
PowerDensity	Amount of power density
Type	Hvac pump type

Back to Top

HvacPump

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
HeadCapacity	Head capacity
HvacPumpId	Unique identifier either coming from previous system otherwise it needs to be defined
PressureCapacity	Pressure capacity of hvac pump
PumpingMedia	Pumping media
Type	Hvac pump type

Back to Top

HvacShutOffValve

Attribute	Description
FlowCapacity	Flow capacity
HvacShutOffValveId	Unique identifier either coming from previous system otherwise it needs to be defined
HvacValveId	Unique identifier either coming from previous system otherwise it needs to be defined
PipeDiameter	Pipe diameter of hvac sub component
PressureCapacity	Pressure capacity of hvac sub component

Back to Top

HvacSystem

Attribute	Description
ActualExhaustAirflow	Actual exhaust airflow
ActualLoad	Actual hvac load
ActualSupplyAirflow	Actual supply airflow

AirflowUnit	Unit of airflow
CalculatedCoolingLoad	Calculated cooling load per area
CalculatedHeatingLoad	Calculated heating load per area
CalculatedSupplyAirflow	Specified supply airflow
CoolingCapacity	Cooling capacity in tonnes
CoolingSensibleHeatRatio	Cooling sensible heat ratio
DesignCoolingLoad	Design cooling load per area
DesignHeatingLoad	Design heating load per area
DesignLoadPerArea	Design load per area
HeatingCapacity	Heating capacity
HvacSystemId	Unique identifier either coming from previous system otherwise it needs to be defined
LoadUnit	Unit of load
ManufacturerCoilBypassFactor	Manufacturer coil bypass factor
MaximumCoolingCapacity	Maximum cooling capacity
SpecifiedExhaustAirflow	Specified exhaust airflow
SpecifiedSupplyAirflow	Specified supply airflow
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

HvacTank

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
HeadCapacity	Head capacity
HvacTankId	Unique identifier either coming from previous system otherwise it needs to be defined
PressureCapacity	Pressure capacity of hvac pump
PumpingMedia	Pumping media
Type	Hvac tank type

Back to Top

HvacValve

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined

FlowCapacity	Flow capacity
HvacValveId	Unique identifier either coming from previous system otherwise it needs to be defined
PipeDiameter	Pipe diameter of hvac valve
PressureCapacity	Pressure capacity of hvac valve
Type	Define the specific hvac valve type

Back to Top

IctHardware

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
IctHardwareId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
RackPosition	It rack position
Type	Ict hardware type

Back to Top

InformationAndCommunicationSystem

Attribute	Description
CableCategory	Category of cable
CableRating	Determine the parameters within which a cable can be safely used
CableType	Type of cable
FibreType	Cable type of fibre
InformationAndCommunicationSystemId	Unique identifier either coming from previous system otherwise it needs to be defined
SignalType	Cable signal type
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ItRack

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
HeightRUs	Height of RUs (rack units)
ItRackId	Unique identifier either coming from previous system otherwise it needs to be defined

Mounting	Mounting details
Type	It rack type

Back to Top

JockeyPump

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
HeadCapacity	Head capacity
JockeyPumpId	Unique identifier either coming from previous system otherwise it needs to be defined
PressureCapacity	Pressure capacity of jockey pump
PumpingMedia	Pumping media
Type	Jockey pump type

Back to Top

Land

Attribute	Description
LandCode	User specific Land Code
LandCoverage	Development level of land
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
LandParcelNr	District/Zoning number registered for the Plot of land
Name	Name of Land e.g: park, garden, parking
SelfUse	Is land self used or not (Y/N)
Status	Status of land
Std	Reference to the site which the land belongs to
Type	Type of land
TypeOfOwnership	Is the land owned or leased.
ValidFrom	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

LightingSystem

Attribute	Description
GlareIndex	Glare index
IEEEIlluminationLevels	Volume domestic cold water
IlluminationUnit	Measurement unit for illumination
LightBrightness	Light brightness
LightingSystemId	Unique identifier either coming from previous system otherwise it needs to be defined
RoomCavityRatio	Room cavity ratio
SolarReflectanceIndex	Solar reflectance index (SRI)
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Luminaire

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
LuminaireId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Luminaire type

Back to Top

ModbusController

Attribute	Description
ConnectorId	Registration id
ControllerId	Unique identifier either coming from previous system otherwise it needs to be defined
Detected	Detected (Y/N)
Enabled	Enabled (Y/N)
ModbusControllerId	Unique identifier either coming from previous system otherwise it needs to be defined
RegistrationId	Registration id
RegistrationKey	Registration key

Back to Top

MovingWalkway

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined

Inclination	Inclination
MaxLength	Max travel distance
MaxTravelSpeed	Speed of escalator
MovingWalkwayId	Unique identifier either coming from previous system otherwise it needs to be defined
StepWidth	Step width
Type	Escalator type

Back to Top

PlumbingExpansionTank

Attribute	Description
PlumbingExpansionTankId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingTankId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemPressure	System pressure
TankCapacity	Tank capacity
Type	Plumbing tank sub component type

Back to Top

PlumbingPump

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
HeadCapacity	Head capacity
PlumbingPumpId	Unique identifier either coming from previous system otherwise it needs to be defined
PressureCapacity	Pressure capacity of hvac valve
PumpingMedia	Pumping media
Type	Plumbing media type

Back to Top

PlumbingPumpSubComponent

Attribute	Description
FlowCapacity	Flow capacity
HeadCapacity	Head capacity

PlumbingPumpId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingPumpSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
PressureCapacity	Pressure capacity of hvac valve
PumpingMedia	Pumping media
Type	Plumbing media type

Back to Top

PlumbingShutOffValve

Attribute	Description
FlowCapacity	Flow capacity
PipeDiameter	Pipe diameter of plumbing valve sub component
PlumbingShutOffValveId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingValveId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Plumbing shut off valve type (only applies for sub component plumbing shut off valve)

Back to Top

PlumbingStorageTank

Attribute	Description
Arrangement	Arrangement of plumbing storage tank (only applies for sub component plumbing storage tank)
PlumbingStorageTankId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingTankId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemPressure	System pressure
TankCapacity	Tank capacity
Type	Plumbing tank sub component type

Back to Top

PlumbingSystem

Attribute	Description

PlumbingSystemId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingVolume	Plumbing volume
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined
VolumeDomesticColdWater	Volume domestic cold water
VolumeDomesticHotWater	Volume domestic hot water
VolumeFireDepartmentWater	Volume fire department water
VolumeSanitaryWater	Volume domestic hot water
VolumeStormWater	Volume storm water
VolumeWasteWater	Volume waste water

Back to Top

PlumbingTank

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingTankId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemPressure	System pressure
TankCapacity	Tank capacity
Type	Plumbing tank type

Back to Top

PlumbingValve

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
PipeDiameter	Pipe diameter
PlumbingValveId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Plumbing valve type

Back to Top

PlumbingValveSubComponent

Attribute	Description
FlowCapacity	Flow capacity

PipeDiameter	Pipe diameter of plumbing valve sub component
PlumbingValveId	Unique identifier either coming from previous system otherwise it needs to be defined
PlumbingValveSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Plumbing valve sub component type

Back to Top

Sensor

Attribute	Description
DataProvider	Name of data provider
MeasurementType	Defines the measurement type of sensor
Model	Model of sensor
Name	User specific sensor name
ParentId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorAccuracy	Accuracy of the sensor. It is the maximum difference that will exist between the actual value (which must be measured by a primary or good secondary standard) and the indicated value at the output of the sensor
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of sensor

Back to Top

SensorBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorComponent

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorEquipment

Attribute	Description
BatteryPercentage	Battery percentage
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorEquipmentId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Sensor type
WifiSignalStrength	Wifi signal strength

Back to Top

SensorFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorMeasurement

Attribute	Description
MeasurementDate	Date of measurement in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Reliability	Is this sensor measurement reliable
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
Unit	Unit of sensor measurement
Value	Value of sensor measurement

Back to Top

SensorRentalUnit

Attribute	Description

RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorSite

Attribute	Description
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorSpace

Attribute	Description
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SensorUnit

Attribute	Description
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Server

Attribute	Description
HeightRUs	Height of RUs (rack units)
IctHardwareId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
NumberOfPorts	Number of ports
RackPosition	It rack position
ServerId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Site

Attribute	Description
Name	Name of Site
SiteCode	User specific Site Code
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined
Status	Status of site
Type	Type of site
ValidFrom	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

Space

Attribute	Description
ClimateCooled	Define if space is climate cooled (Y/N)
ClimateHeated	Define if space is climate heated (Y/N)
CoUseArea	Is the space used by multiple tenants (Y/N)
EffectZonesCooling	Area that is cooled
EffectZonesHeating	Area that is heated
EffectZonesVentilation	Area that is ventilated
FloorId	Reference to the floor which the space belongs to
MaximumOccupancy	Define maximum occupancy of space
Name	Name of space
PrimaryCeilingMaterial	Material of ceiling e.g: cement
PrimaryFloorMaterial	Material of floor
PrimaryWallMaterial	Material of wall
Rentability	Status of the space is eligible for renting out (Y/N)
SpaceCode	User specific Space Code
SpaceHeight	Actual space height e.g: 3.6 m
SpaceHeightUsable	Usable Height of space
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined
SpaceNumber	Number of space
SpaceVolumeGross	Gross volume of space including surrounding walls
SpaceVolumeNet	Gross volume of space excluding surrounding walls
Type	Type of space

ValidFrom	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
VentilationType	Define the ventilation type e.g: exhaust, supply, balanced, and heat-recovery

Back to Top

SprinklerHeatTracing

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
PowerDensity	Amount of power density
SprinklerHeatTracingId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Sprinkler heat tracing type

Back to Top

SprinklerTank

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
SprinklerTankId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemPressure	System pressure
TankCapacity	Tank capacity

Back to Top

SprinklerValve

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FlowCapacity	Flow capacity
PipeDiameter	Pipe diameter of hvac valve
PressureCapacity	Pressure capacity of jockey pump
SprinklerValveId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Sprinkler valve type

Back to Top

System

Attribute	Description
Class	Class system belongs to
Counter	Counter of system
Description	Description of system
Model	System model name and/or number
Name	Name of system
SerialNumber	Serial number of system
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemReferenceId	Reference system id coming from another system
Type	Type of system
WarrantyStartDate	Warranty start date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

SystemBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SystemFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SystemRentalUnit

Attribute	Description
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SystemSite

Attribute	Description

SiteId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SystemSpace

Attribute	Description
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SystemUnit

Attribute	Description
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

TankWaterHeater

Attribute	Description
FirstHourDelivery	First hour delivery
Recovery100FRise	Recovery rate to 100 frise in l per hour
TankCapacity	Tank capacity
TankWaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Tank water heater type
WaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

TankWaterHeaterSubComponent

Attribute	Description
FirstHourDelivery	First hour delivery
PowerInput	Power input
Recovery100FRise	Recovery rate to 100 frise in l per hour
TankCapacity	Tank capacity
TankWaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined

TankWaterHeaterSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Tank water heater sub component type

Back to Top

TanklessWaterHeater

Attribute	Description
FirstHourDelivery	First hour delivery
Recovery100FRise	Recovery rate to 100 frise in l per hour
TanklessWaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Tankless water heater type
WaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

TanklessWaterHeaterSubComponent

Attribute	Description
FirstHourDelivery	First hour delivery
PowerInput	Power input
Recovery100FRise	Recovery rate to 100 frise in l per hour
TanklessWaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined
TanklessWaterHeaterSubComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Tankless water heater sub component type

Back to Top

TerminalUnit

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency

DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
TerminalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Define the specific terminal unit type

Back to Top

ThermalMeter

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
DeltaTemperature	Export energy
EnergyRate	Export energy
EnergyTotal	Energy total
Measures	Substance that is measured
ReturnTemperature	Return temperature
SupplyTemperature	Supply temperature
ThermalMeterId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Water meter type
VolumeFlow	Volume flow
VolumeTotal	Volume

Back to Top

Toilet

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
InstallationType	Installation type
ToiletId	Unique identifier either coming from previous system otherwise it needs to be defined
WaterPerFlush	Water per flush

Back to Top

ToiletFlushometer

Attribute	Description
InstallationType	Installation type
ToiletFlushometerId	Unique identifier either coming from previous system otherwise it needs to be defined
ToiletId	Unique identifier either coming from previous system otherwise it needs to be defined
WaterPerFlush	Water per flush

Back to Top

ToiletTank

Attribute	Description
FlushingType	Flushing type
InstallationType	Installation type
ToiletId	Unique identifier either coming from previous system otherwise it needs to be defined
ToiletTankId	Unique identifier either coming from previous system otherwise it needs to be defined
WaterPerFlush	Water per flush

Back to Top

TransferSwitch

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
MainBusCurrentRating	Current rating
MainBusMaterial	Material
MainsRating	Mains rating

Poles	Poles
TransferSwitchId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Transfer switch type

Back to Top

Transformer

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Phases	Phases
SizeKva	Size kva (kilovolt-ampere)
TransformerId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Transformer type
VoltagePrimary	Voltage primary
VoltageSecondary	Voltage secondary

Back to Top

Unit

Attribute	Description
Name	Name of unit
Type	Type of Unit e.g: part of building, rental unit
UnitCode	User-specific code for unit
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined
ValidFrom	The records can be used from this date onwards in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The records can be used until this date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

UnitBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UnitFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UnitHeater

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Currency	Currency
ElectricUnitHeaterPowerInput	Power input
FanCommissionDate	Fan commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanDriveType	Fan fan drive type
FanDurationLifeYear	Fan life span of component in years
FanExpectedEndOfLife	Fan expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanExpectedReplacementCost	Fan expected replacement costs
FanInitialCost	Fan initial cost
FanInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
FanMaintenanceInterval	Fan maintenance interval either as string: monthly, quarterly, etc. or as month
FanMaxAirflowRating	Fan max flow capacity
FanMinAirflowRating	Fan min flow capacity
FanModelNumber	Model number of fan
FanMotorPower	Fan motor power
FanName	Name of fan
FanNominalAirflow	Fan nominal airflow
FanSerialNumber	Serial number of fan
FanTagNumber	Fan tag number
FanTurnoverDate	Fan turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HeatingMethodCommissionDate	Heating method commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HeatingMethodDurationLifeYear	Heating method life span of component in years

HeatingMethodExpectedEndOfLife	Heating method expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HeatingMethodExpectedReplacementCost	Heating method expected replacement costs
HeatingMethodInitialCost	Heating method initial cost
HeatingMethodInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HeatingMethodMaintenanceInterval	Heating method maintenance interval either as string: monthly, quarterly, etc. or as month
HeatingMethodModelNumber	Model number of heating method
HeatingMethodName	Heating method name of product
HeatingMethodOutsideDiameter	Heating method outside diameter
HeatingMethodSerialNumber	Serial number of heating method
HeatingMethodTagNumber	Heating method tag number
HeatingMethodTurnoverDate	Heating method turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
HeatingMethodType	Heating method type
HotWaterUnitHeaterFlowCapacity	Flow capacity
NominalHeatingCapacity	Nominal heating capacity
SteamUnitHeaterCondensate	Condensate information if steam unit heater
Type	Unit heater sub component type
UnitHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UnitLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UnitSite

Attribute	Description
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UnitSpace

Attribute	Description
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Ups

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
InputPhases	Input phases
InputVoltage	Input voltage
OutputPhases	Output phases
OutputVoltage	Output voltage
PowerOutput	Power output
PowerOutputKva	Power output
UpsId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

UrinalFlushometer

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
InstallationType	Installation type
UrinalFlushometerId	Unique identifier either coming from previous system otherwise it needs to be defined
WaterPerFlush	Water per flush

Back to Top

VariableFrequencyDrive

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Variable frequency type
VariableFrequencyDriveId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

VavBoxReheat

Attribute	Description
DuctInletCommissionDate	Commission date if duct inlet in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletConfiguration	Duct inlet configuration
DuctInletCurrency	Currency
DuctInletExpectedEndOfLife	Expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletExpectedReplacementCost	Duct inlet expected replacement costs
DuctInletInitialCost	Duct inlet initial cost
DuctInletInstallationDate	Duct inlet Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
DuctInletMaintenanceInterval	Duct inlet maintenance interval either as string: monthly, quarterly, etc. or as month
DuctInletModel	Duct inlet model number
DuctInletName	Name of Duct inlet
DuctInletSerialNumber	Serial number of component
DuctInletShape	Duct inlet shape
DuctInletSize	Duct inlet size
DuctInletTagNumber	Tag number
DuctInletTurnoverDate	Duct inlet turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
MaxAirflowRating	Max flow capacity
MinAirflowRating	Min flow capacity
NominalHeatingCapacity	Nominal heating capacity
ReHeatingCommissionDate	Re heating commission date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingDurationLifeYear	Re heating life span of component in years
ReHeatingExpectedEndOfLife	Re heating expected end of life date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingExpectedReplacementCost	Re heating expected replacement costs
ReHeatingInitialCost	Re heating initial cost
ReHeatingInstallationDate	Installation date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingMaintenanceInterval	Re heating maintenance interval either as string: monthly, quarterly, etc. or as month
ReHeatingModelNumber	Model number of re heating
ReHeatingName	Re heating name of product

ReHeatingOutsideDiameter	Re heating outside diameter
ReHeatingSerialNumber	Serial number of re heating
ReHeatingTagNumber	Re heating tag number
ReHeatingTurnoverDate	Re heating turnover date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ReHeatingType	Re heating type
TerminalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
VavBoxReheatId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WaterFiltration

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FiltrationRating	Water filtration rating
FlowCapacity	Flow capacity
TankCapacity	Tank capacity
Type	Water filtration type
WaterFiltrationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WaterHeater

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
FirstHourDelivery	First hour delivery
Recovery100FRise	Recovery rate to 100 frise in l per hour
Type	Water heater type
WaterHeaterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WaterMeter

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
Measures	Substance that is measured

SupplyTemperature	Supply temperature
Type	Water meter type
Volume	Volume in liter
VolumeFlow	Volume flow
WaterMeterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WirelessAccessPoint

Attribute	Description
DataNetworkEquipmentId	Unique identifier either coming from previous system otherwise it needs to be defined
MountedInRack	Mounted in it rack
Mounting	Mounting details
RackPosition	It rack position
Type	Wireless access point type
WirelessAccessPointId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Climate

Attribute	Description
ClimateId	Unique identifier either coming from previous system otherwise it needs to be define
CoordinateSystem	Specific coordinate system used
EnsembleMember	Information on members of a model ensemble and changed conditions ('realisation', 'initialisation', 'physics'). Control member; 'r1i1p1'
Experiment	Type of simulation of regional climate model e.g. Historical, Evaluation, RCP2.6
GlobalCirculationModel	Global circulation model used
Latitude	Latitude coordinate in case of geographic coordinates
Location	Localisation of observed data in case of non-grid location types
LocationType	Type of spatial reference e.g. Zip code or geographic coordinates
Longitude	Longitude coordinate in case of geographic coordinates
PosX	Horizontal coordinate in case of projected coordinates
PosY	Vertical coordinate in case of projected coordinates
RegionalClimateModel	Regional climate model used

SimulationVersion	Run number of certain climate model or model combination
SpatialResolution	Spatial resolution of data
TemporalResolution	Temporal resolution of data (can be the time period over which raw data is aggregated)
Unit	Unit of observed value
ValidFrom	Date observation starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date observation ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of observed variable
Variable	Observed variable

Back to Top

ClimateBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
ClimateId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

ClimateSite

Attribute	Description
ClimateId	Unique identifier either coming from previous system otherwise it needs to be define
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

EmissionFactor

Attribute	Description
City	Any official settlement including cities, towns, villages, hamlets, localities, etc.
Country	Sovereign nations and their dependent territories, anything with an ISO-3166 ALPHA-2 code
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
Name	User specific emission factor name (this can also be the name of a scenario)
Region	Areas that are broadly divided by physical characteristics, human impact characteristics, and the interaction of humanity and the environment
Source	Source of emission factor e.g. 'International Energy Agency'
SpaceType	Differentiated emission factor for certain space type (within a building)
Type	Specific type of emission factor e.g. district heating or water discharge

Unit	Unit of emission factor in terms of kgCO2e per unit of resource consumption
ValidFrom	Date validity starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date validity ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of emission factor

Back to Top

EmissionFactorBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

EmissionFactorOperationalMeasurement

Attribute	Description
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

EmissionFactorSite

Attribute	Description
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

GhgEmission

Attribute	Description
Accuracy	Information on accuracy of value e.g. 'metered' or 'extrapolated'
EmissionScope	Emission scope 1, 2 or 3 according to the Greenhouse Gas Protocol
GhgEmissionId	Unique identifier either coming from previous system otherwise it needs to be define
LifeCycleAssessment	Related life cycle assessment stage according to ISO 14040
Name	Name of individual emission value (user-provided)

OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
ParentId	Parent (guid or id) of entity
ReportingType	Approach of reporting emissions e.g. from 'green electricity consumption': Market-based or location-based
SubType	Specific type of ghg emission generation e.g. district heating or water discharge
Type	General source of emission e.g. energy, water or waste
Unit	Unit of emission value: kgCO2e
ValidFrom	Date validity starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date validity ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of individual emission

Back to Top

GhgEmissionBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
GhgEmissionId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

GhgEmissionEmissionFactor

Attribute	Description
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
GhgEmissionId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

GhgEmissionSite

Attribute	Description
GhgEmissionId	Unique identifier either coming from previous system otherwise it needs to be define
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

OperationalMeasurement

Attribute	Description
Accuracy	Information on accuracy of value e.g. 'metered' or 'extrapolated'

LifeCycleAssessment	Related life cycle assessment stage according to ISO 14040
MeasurementDate	Date of measurement was taken in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Name	Name of individual operational measurement. (user-provided)
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
ParentId	Parent (guid or id) of entity
PostingDate	Date of measurement posting in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ProcuredBy	Information on operational control ('who bought it?') of resource consumption according to Greenhouse Gas Protocol
Purpose	Specific purpose of resource consumption e.g. 'space heating' in case of burning natural gas
SensorId	Unique identifier either coming from previous system otherwise it needs to be define
SpaceType	Reference to specific space type (or 'whole building')
SubType	Specific type of operational measurement e.g. district heating or water discharge
Type	General type of operational measurement e.g. energy, water or waste
Unit	Unit of operational measurement e.g. 'kWh' or 'cubm'
ValidFrom	Date validity starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date validity ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of individual operational measurement

Back to Top

OperationalMeasurementBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

OperationalMeasurementFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined

OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

OperationalMeasurementLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

OperationalMeasurementRentalUnit

Attribute	Description
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

OperationalMeasurementSite

Attribute	Description
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

OperationalMeasurementSpace

Attribute	Description
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

OperationalMeasurementUnit

Attribute	Description
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

SustainabilityIndicator

Attribute	Description
BaseYear	Base year of values projected into the future in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061). In case no exact date is used please use xxxx-01-01 00:00:00.
BuildingId	Identifier of building
Category	Overall category of sustainability indicator e.g. energy, greenhouse gas emissions or costs
ReferenceArea	Reference area of building used as denominator in intensity calculation
ReportingType	Approach of reporting emissions e.g. from 'green electricity consumption': Market-based or location-based
Source	Operational source of energy or emission figures e.g. electricity or water
SubType	Subtype of sustainability indicator e.g. net-energy or emission scope
SustainabilityIndicatorId	Unique identifier either coming from previous system otherwise it needs to be define
Type	Type of sustainability indicator e.g. absolute or intensity figures or stranding
Unit	Unit of sustainability indicator value
ValidFrom	Date validity starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date validity ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Value	Value of sustainability indicator

Back to Top

SustainabilityIndicatorEmissionFactor

Attribute	Description
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
SustainabilityIndicatorId	Unique identifier either coming from previous system otherwise it needs to be define

Back to Top

Account

Attribute	Description
AccountId	Unique identifier either coming from previous system otherwise it needs to be defined
IbpdiCategory	Account category according to IBPDI charts of accounts (category aligned with RICS naming convention)
IbpdiGroup	Account group according IBPDI charts of accounts (group aligned with RICS naming convention)
IbpdiProject	Account type (project aligned with RICS naming convention)
Name	Account name
RecordType	Record type (Debit or Credit)
StatementType	Statement type (Balance statement or P&L account)
ValidFrom	Validity of Account in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Validity of Account in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Version	Account version

Back to Top

CostCenter

Attribute	Description
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
Name	Name of cost center
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of cost center

Back to Top

CostCenterBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CostCenterLand

Attribute	Description
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
LandId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CostCenterPortfolio

Attribute	Description
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CostCenterRentalUnit

Attribute	Description
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CostCenterSite

Attribute	Description
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

IndividualAccount

Attribute	Description
AccountId	Unique identifier either coming from previous system otherwise it needs to be defined
Category	Individual Account category (category aligned with RICS naming convention)
GAAP	GAAP type used (if applicable)
Group	Individual Account group (group aligned with RICS naming convention)
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined
Name	Individual Account name
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
Project	Individual Account project (project aligned with RICS naming convention)
RecordType	Record type (Debit or Credit)
StatementType	Statement type (Balance statement or P&L account)
ValidFrom	Validity of Individual Account in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Validity of Individual Account in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Version	Individual account version

Back to Top

IndividualAccountBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

IndividualAccountPortfolio

Attribute	Description
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

IndividualAccountSite

Attribute	Description
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Transaction

Attribute	Description
BookingCurrency	Currency of booking
BookingType	Booking type
CostCenterId	Unique identifier either coming from previous system otherwise it needs to be defined
DocumentId	Unique identifier either coming from previous system otherwise it needs to be defined
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined
PostingDate	Date transaction is posted in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
TransactionId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of transaction
Value	Cost/Income value of specific transaction

Back to Top

Address

Attribute	Description
AdditionalInformation	Additional information that can not be displayed in the other attributes such as Building, Door Nr. etc.
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
ApartmentOrUnit	Unit number
City	Any official settlement including cities, towns, villages, hamlets, localities, etc.
Country	Sovereign nations and their dependent territories, anything with an ISO-3166 ALPHA-2 code
DeprecatedLatitude	(Deprecated) Latitude coordinate in case of geographic coordinates
DeprecatedLongitude	(Deprecated) Longitude coordinate in case of geographic coordinates
District	Boroughs or districts within a city that serve some official purpose
HouseNumber	House number of the street
PostalCode	Postal codes used for mail sorting
StateProvincePrefecture	First-level administrative division, depending on the continent or country if might be named differently.
StreetName	Name of the street
Type	Type of address

Back to Top

AddressBuilding

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AddressContact

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AddressLand

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined

LandId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AddressOrganisation

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AddressRentalUnit

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

AddressSite

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Contact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
Email	Email address of contact person
EmployeeId	Employee ID or number for the contact for reference in orders, service cases, or other communications with the contact's organisation
Fax	Fax number of contact person
FirstName	First Name of Business Partner or responsible contact person
JobTitle	Job title of the contact to make sure the contact is addressed correctly in sales calls, email, and marketing campaigns
LastName	Surname of Business Partner or responsible contact person
OrganisationId	Link to organisation
Salutation	Title of Business Partner

Telephone	Phone number of contact person
ValidFrom	For internal reference to recored employed since in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	For internal reference to recored employed until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

GeoCoordinate

Attribute	Description
AddressId	Unique identifier either coming from previous system otherwise it needs to be defined
CoordinateReferenceSystem	Specific coordinate reference system used
GeoCoordinateId	Unique identifier either coming from previous system otherwise it needs to be defined
Latitude	Latitude coordinate in case of geographic coordinates
Longitude	Longitude coordinate in case of geographic coordinates

Back to Top

Organisation

Attribute	Description
Email	Email address of contact person
Fax	Fax number of contact person
FiscalYearStartDate	Start date of fiscal year for organisation in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
Industry	Industry of organisation
LegalEntity	Is the organisation an legal entity (Y/N)
Name	Name of organization
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
ParentId	Parent (guid or id) of entity
Telephone	Phone number of contact person
ValidFrom	Valid from information in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Valid until information in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
VatNumber	Vat number of organisation

Back to Top

Role

Attribute	Description
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of role

Back to Top

RoleBuildingContact

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleBuildingOrganisation

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleComponentContact

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleComponentOrganisation

Attribute	Description
ComponentId	Unique identifier either coming from previous system otherwise it needs to be defined
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleComponentTypeContact

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleComponentTypeOrganisation

Attribute	Description
ComponentTypeId	Unique identifier either coming from previous system otherwise it needs to be defined
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleEmissionFactorContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
RoleId	Link to role

Back to Top

RoleEmissionFactorOrganisation

Attribute	Description
EmissionFactorId	Unique identifier either coming from previous system otherwise it needs to be define
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Link to role

Back to Top

RoleLandContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleLandOrganisation

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleOperationalMeasurementContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleOperationalMeasurementOrganisation

Attribute	Description
OperationalMeasurementId	Unique identifier either coming from previous system otherwise it needs to be define
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RolePortfolioContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RolePortfolioOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RolePortfolioStrategyContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioStrategyId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RolePortfolioStrategyOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioStrategyId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleRentalContractContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalContractId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleRentalContractOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalContractId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleRentalUnitContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleRentalUnitOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleSiteContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleSiteOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleSystemContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleSystemOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
SystemId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleTenantCommunicationContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
TenantCommunicationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleTenantCommunicationOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
TenantCommunicationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleValuationContact

Attribute	Description
ContactId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RoleValuationOrganisation

Attribute	Description
OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
RoleId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Portfolio

Attribute	Description
AssetCategory	Describes the asset category
Currency	Main/default currency of portfolio (depending on user it should be able to change this)
MarketValue	Current market value of Portfolio
Name	Name of Portfolio
OwnershipType	Describes the ownership structure of the portfolio
PortfolioCode	User specific Portfolio Code e.g: MR003
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined
PrimaryUsageType	Definition of the primary usage type/asset class of the portfolio (individual by portfolio owner)
ReportingCycle	Reporting cycle which is used to determine the next reporting date
ReportingDate	Reporting date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
SecondaryUsageType	Definition of the secondary usage type/asset class of the portfolio (individual by portfolio owner)
Type	Type of the Portfolio
ValidFrom	Date portfolio was set up in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date the maturity of the portfolio has been reached in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

PortfolioBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

PortfolioLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

PortfolioSite

Attribute	Description
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

PortfolioStrategy

Attribute	Description
InvestmentType	Type of Strategy
Name	Name of Strategy (user specific)
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined
PortfolioStrategyId	Unique identifier either coming from previous system otherwise it needs to be defined
Source	Source of Portfolio strategy
StrategyObjectiveTargets	Target type of Portfolio Strategy
StrategyObjectiveTargetsSteering	Steering target type of Portfolio Strategy
StrategyObjectiveUnit	Unit of strategy objective values
StrategyObjectiveUnitSteering	Unit of strategy objective values steering
StrategyObjectiveValues	Value of the portfolio strategy targets
StrategyObjectiveValuesSteering	Value of the portfolio strategy steering targets
ValidFrom	Date Strategy was implemented in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date strategy has to be adapted by in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

PortfolioUnit

Attribute	Description
PortfolioId	Unique identifier either coming from previous system otherwise it needs to be defined

UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Valuation

Attribute	Description
AccountingStandard	Name of Accounting standard used
Approach	Valuation approach
Assumptions	Concluded assumptions
Constrains	Existing constrains
Description	Description of valuation implementation
DiscountPremiums	Discount premiums included
DiscountRate	Discount rate included
DocumentId	Unique identifier either coming from previous system otherwise it needs to be defined
EnergyEfficiency	Stating the energy efficiency class
JurisdictionStandard	Name of Jurisdiction type used
JurisdictionType	Type of Jurisdiction
Keywords	Important keywords
Liquidity	Amount of cash
MaintenanceBacklog	Does a maintenance backlog exist (Y/N)
Name	Name of valuation
PreviousValuationId	Unique identifier either coming from previous system otherwise it needs to be defined
ProfessionalStandard	Name of professional valuation standard used
SingleTenant	Valuation of single tenant building (Y/N)
SpaceEfficiency	Space usage efficiency
SpecialAssumptions	Concluded special assumptions
Text	Text field
Type	Type of valuation
Uncertainty	LoV for uncertainty
Unit	Unit of valuation
Url	URL if existent
ValidFrom	Date valuation is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date valuation has to be redone in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined
Value	Value of Valuation

Back to Top

ValuationBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ValuationIndividualAccount

Attribute	Description
IndividualAccountId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ValuationLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

ValuationOperationalMeasurement

Attribute	Description
OperationalMeasurementId	Globally Unique Identifier number
ValuationId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Dunning

Attribute	Description
Currency	Currency of payment
DunningAmount	Dunning Amount

DunningId	Unique identifier either coming from previous system otherwise it needs to be defined
DunningLevel	Dunning level
InitialDueDate	Initial due date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
PaymentAmount	Value of payment
PaymentDate	Payment date in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
RentalPaymentId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalContract

Attribute	Description
CompanyCode	Company Code (e.g. SAP code)
ContractCode	Contract Code (e.g. SAP)
ContractGroup	Contract group
ContractName	Contract name
ContractType	Contract type
MainContractId	Main contract code
PaymentFrequency	Frequency of payment e.g. weekly, monthly, quarterly etc.
PaymentInAdvance	Does the payment have to be conducted in advance (Y/N)
PeriodOfNotice	Period of notice e.g. monthly; 3 month; 6 month etc.
RentBeginDate	Date original contract starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
RentEndDate	Date original contract ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
RentalContractId	Unique identifier either coming from previous system otherwise it needs to be defined
ShortTermLease	Is this a short term lease (Y/N)
TenantSector	Sector / Business area of the tenant
TurnoverReportingInterval	If turnover rent, reporting interval for the tenant turnover: monthly, quarterly, etc.
ValidFrom	Date of first paying month in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date of last paying month in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

RentalContractRentalUnit

Attribute	Description
RentalContractId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalOption

Attribute	Description
DocumentId	Reference to document
RentalContractId	Reference to corresponding rental contract
RentalOptionId	Unique identifier either coming from previous system otherwise it needs to be defined
SubType	Subtype of the option
Type	Type of option
ValidFrom	Date option is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date option is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

RentalPayment

Attribute	Description
Currency	Currency of payment
DiscountInPercentage	Discount percentage of payment
IndexId	Reference to index table
RentalContractId	Reference to rental contract
RentalPaymentId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of lease payment
ValidFrom	Starting date of payment in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	End date of payment in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValueMonth	Value of payment per month
ValueYear	Value of payment per year
VatOpted	Is the vat payable (Y/N)

Back to Top

RentalUnit

Attribute	Description

Name	Name of rental unit
RentalUnitCode	User specific RentalUnit Code
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
RentedOut	Is the RentalUnit rented out (Y/N)
UsageType	Usage type of the rental unit
Vacancy	Is the rental unit vacant (Y/N)
ValidFrom	Valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

RentalUnitBuilding

Attribute	Description
BuildingId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalUnitFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalUnitLand

Attribute	Description
LandId	Unique identifier either coming from previous system otherwise it needs to be defined
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalUnitSite

Attribute	Description
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
SiteId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalUnitSpace

Attribute	Description
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

RentalUnitUnit

Attribute	Description
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
UnitId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

TenantCommunication

Attribute	Description
Description	Description of communciation
Medium	Medium of communication
RentalUnitId	Unique identifier either coming from previous system otherwise it needs to be defined
Status	Status of communication
TenantCommunicationId	Unique identifier either coming from previous system otherwise it needs to be defined
Type	Type of communication
ValidFrom	Date communication occurred in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date communication is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

AvailableResource

Attribute	Description
AvailableResourceId	Available resources workplace
Name	User specific name of workplace

Back to Top

AvailableResourceWorkspace

Attribute	Description
AvailableResourceId	Available resources workplace
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Booking

Attribute	Description
BookingDate	Date booking was created in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
BookingId	Unique identifier either coming from previous system otherwise it needs to be defined
Cancelled	Has the reservation been cancelled
CheckInTime	Check in time yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
CheckOutTime	Check out time yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidFrom	Date reservation starts in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	Date reservation ends in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

BookingWorkspace

Attribute	Description
BookingId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Characteristic

Attribute	Description
CharacteristicId	Unique identifier either coming from previous system otherwise it needs to be defined
Name	User specific name of workplace

Back to Top

CharacteristicNeighbourhood

Attribute	Description
CharacteristicId	Unique identifier either coming from previous system otherwise it needs to be defined
NeighbourhoodId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CharacteristicWorkspace

Attribute	Description
CharacteristicId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CustomerFile

Attribute	Description
CustomerFileId	Unique identifier either coming from previous system otherwise it needs to be defined
FileType	Type of file
Link	Link to file location
Metadata	Metadata information about the file stored in JSON format. This could be for example resolution and ordinal for an image. For different file types different metadata can be stored here
Name	User specific name for file

Back to Top

CustomerFileWorkArea

Attribute	Description
CustomerFileId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkAreaId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

CustomerFileWorkspace

Attribute	Description
CustomerFileId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Neighbourhood

Attribute	Description
Color	User specific color code
Name	User specific name of neighbourhood
NeighbourhoodId	Unique identifier either coming from previous system otherwise it needs to be defined

OrganisationId	Unique identifier either coming from previous system otherwise it needs to be defined
ValidFrom	The neighbourhood is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The neighbourhood is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)

Back to Top

NeighbourhoodWorkspace

Attribute	Description
NeighbourhoodId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Tag

Attribute	Description
Name	User specific name of tag
TagId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

TagNeighbourhood

Attribute	Description
NeighbourhoodId	Unique identifier either coming from previous system otherwise it needs to be defined
TagId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WorkArea

Attribute	Description
AreaMeasurementId	Unique identifier either coming from previous system otherwise it needs to be defined
Name	User specific name of work space
ValidFrom	The workspace template is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The workspace template is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
WorkAreaCode	User specific work area code
WorkAreaId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkAreaTypeId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WorkAreaFloor

Attribute	Description
FloorId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkAreaId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WorkAreaSpace

Attribute	Description
SpaceId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkAreaId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WorkAreaType

Attribute	Description
Color	Color code of specific workspace template
Name	User specific name of work space template ("type of workspace")
ValidFrom	The workspace template is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The workspace template is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
WorkAreaTypeId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

Workspace

Attribute	Description
Bookable	Is the workplace bookable (Y/N)
Capacity	Capacity of workplace
Name	User specific name of workplace
Type	Type of workplace
ValidFrom	The workplace is valid from in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
ValidUntil	The workplace is valid until in yyyy-mm-ddThh:mm:ssZ form (conform to ISO 8061)
WorkAreaId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceCode	User specific work space code

WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top

WorkspaceSensor

Attribute	Description
SensorId	Unique identifier either coming from previous system otherwise it needs to be defined
WorkspaceId	Unique identifier either coming from previous system otherwise it needs to be defined

Back to Top