



The National BIM Library

BIM Object Guide: DB225 Dolphin Blue Electronic Infrared Tap



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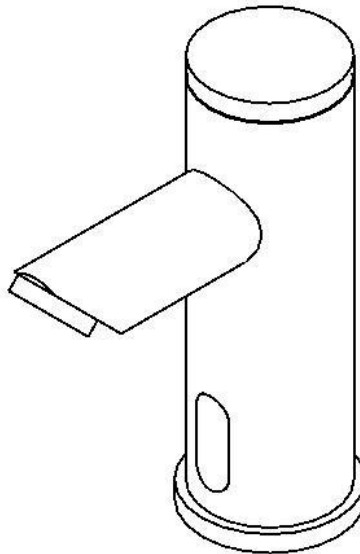
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1.0 Introduction

This guide covers the use of DB225 Dolphin Blue Electronic Infrared Tap included within the National BIM Library.

DB225 Dolphin Blue Electronic Infrared Tap



All products listed below are included in the following file:

nbl_WtrSplyFitngsForWshBsnsAndTrghs_DolphinDispensers_DB225DolphinBlueElectronicInfraredTap

DB225 Dolphin Blue Electronic Infrared Tap

1.1 Naming

National BIM Library objects are named to identify their type and configuration. Fields are segregated using an under bar (_) and information within each field is segregated using hyphens (-). Fields are abbreviated to reduce characters and capitals used at the start of each abbreviation to aid readability.

File name and objects are named as below:

File name

Field1 *Author_* **Field2** *Category_* **Field3** *Manufacturer_* **Field4** *Product Range*

Object

Field1 *Author_* **Field2** *Category* **Field3** *Manufacturer_* **Field4** *Product_* **Field5** *Differentiator*

2.0 Parameters

Parameters included in the DB225 Dolphin Blue Electronic Infrared Tap BIM object are as follows:

2.1 National BIM Library Parameters

Author	The name of the BIM objects Author.
BIMObjectName	Name of the BIM object as it will appear in software. Using NBL naming procedure.
Description	The full description of a product or system.
Help	URL of a website where additional help notes are available.
IssueDate	The issue date of this BIM object.
ManufacturerURL	URL of the product or system manufacturer.
NBSDescription	NBS Uniclass title.
NBSNote	Where a second system which is related to the BIM object can be described.
NBSReference	NBS Uniclass section/clause number.
NBSTypeID	A reference to the object for the user if one or more is used within the project.
Uniclass2	Uniclass2 code.
Version	The version number of the BIM object.

2.2 NBS Parameters

Certification	Product approval and certification by an accredited organization.
IntegralAccessories	Manufacturer's prefitted accessories and fittings.
MaximumFlowRate	Maximum flow rate measured in [L/mute].
MaximumWaterSupplyTemperature	Maximum water temperature supplied from taps measured in [°C].

2.3 Manufacturers Parameters

AutomaticShutOffTime	Time measured in [s].
FinishOptions	Available finish options.
PowerConnections	Connection type.
SensorRange	Range measured in [mm].
WaterFeed	Feed diameter measured in ["].
WaterSupply	Supply type.

2.4 IFC Parameters

Note: IFC definitions have been obtained from BuildingSmart IFC2x3 website (<http://buildingsmart-tech.org>).

ElectricalDeviceNominalPower	The output power rating that is certified for a device.
FaucetFunction	Defines the operating temperature of a faucet that may be specified.
FaucetOperation	Defines the range of ways in which a faucet can be operated that may be specified.
FaucetTopDescription	Description of the operating mechanism/top of the faucet.
FaucetType	Defines the range of faucet types that may be specified.
Finish	Description of the finish applied to the faucet.
HasProtectiveEarth	Indicates whether the electrical device has a protective earth connection (=True) or not (= FALSE).
InsulationStandardClass	Insulation standard classes provides basic protection information against electric shock. Defines levels of insulation required in terms of constructional requirements (creepage and clearance distances) and electrical requirements (compliance with electric strength tests). Basic insulation is considered to be shorted under single fault conditions. The actual values required depend on the working voltage to which the insulation is subjected, as well as other factors. Also indicates whether the electrical device has a protective earth connection.
IPCode	IEC 529 (1989) Classification of degrees of protection provided by enclosures (IP Code).
NominalCurrent	The maximum allowed current that a device is certified to handle.
NominalVoltage	The range of allowed voltage that a device is certified to handle. The upper bound of this value is the maximum.
NumberOfPoles	The number of logical connections that can be made on an electrical device.

PhaseAngle	The angular difference between two waveforms of the same frequency.
PhaseReference	The phase identification used for the device electrical input. This should be the same phase identifier that is used for the conductor segment providing the electrical service to the device. In general, it is recommended that IEC recommendations for phase identification are used (L1, L2 etc.). However, other phase identifiers may be used such as by color (Red, Blue, Yellow) or by number (1, 2, 3) etc.
Reference	Reference ID for this specified type in this project (e.g. type A-1).
UsageCurrent	The current that a device is actually handling or is calculated to be handling at a point in time.

2.5 COBie Parameters

The following COBie parameters have been included within the DB225 Dolphin Blue Electronic Infrared Tap BIM object and can be used to prepare COBie data schedules:

AccessibilityPerformance	Accessibility issue(s) which the product satisfies.
AssetIdentifier	The asset identifier assigned to an occurrence of a product (prior to handover).
BarCode	The identity of the bar code (or rfid) given to an occurrence of the product.
CodePerformance	Code Compliance requirement(s) which the product satisfies.
Colour	Characteristic or primary colour of product.
Constituents	Optional constituent features, parts or finishes.
Cost	Cost impact of replacement process.
Documentation	Location (Uniform Resource Information) for further product information.
DocumentReference	Location (Uniform Resource Information) for the source or updates to this product information.
Features	Features or other important characteristics relevant to product specification.
Grade	Standard grading(s) to which the product corresponds.
InstallationDate	The date that the manufactured item was installed.
LifeCyclePhase	Life Cycle Phase as defined in ISO 15978.
Manufacturer	The organization that manufactured or assembled the item.
Material	Main material of the covering.
MethodOfMeasurement	Method of measurement.
ModelLabel	The model number assigned by manufacturer.
ModelReference	The name used by the manufacturer.

NominalHeight	Nominal height of product, typically the vertical or secondary characteristic dimension.
NominalLength	Nominal length of product, typically the larger or primary horizontal dimension.
NominalWidth	Nominal width of product, typically the characteristic or secondary horizontal or characteristic dimension.
Process	Specification of process.
ProductionYear	The year of production for the manufactured item.
ReferenceStandard	Reference standard(s) to which the product is compliant.
ReplacementCost	An indicative cost for unit replacement.
SerialNumber	The serial number assigned to an occurrence of a product by the manufacturer.
ServiceLifeDuration	The length or duration of a service life.
ServiceLifeType	The typical service life that is quoted for an artefact under reference operating conditions.
Shape	Characteristic shape of product.
Size	Characteristic size of product.
SustainabilityPerformance	Sustainability issue(s) which the product satisfies.
TagNumber	The tag number assigned to an occurrence of a product.
WarrantyDescription	Description of the warranty.
WarrantyDurationLabour	Duration of labour warranty (years).
WarrantyDurationParts	Duration of parts warranty (years).
WarrantyGuarantorLabour	Organization acting as guarantor of labour warranty.
WarrantyGuarantorParts	Organization acting as guarantor of parts warranty.
WarrantyStartDate	The date on which the warranty commences.

3.0 Abbreviations

Bsns	Basins
Fitngs	Fittings
nbl	national BIM library
Sply	Supply
Trghs	Troughs
Wsh	Wash
Wtr	Water