ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L746155 - ISOLATOR

Learning Legacy Document

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6.0	21-Aug-2015	[redacted]	[redacted]	[redacted]	Description Change Added New Image New Attribute Changed Attribute Deleted Attribute
7.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

1.1 Asset Details

Class Code:	L746155
Class Name:	Isolator
Class Lineage:	Construction Products>Services>Electric power and lighting services products> Distribution devices>Power supply control devices>Isolators>Isolator

1.2 Description

An isolator is an electrical device that enables electrical circuits to be safely de-energised, or isolated, for maintenance purposes. An isolator may vary significantly in type and size e.g. as part of a HV system such as overhead line, or within a building to isolate the lighting circuit.

These assets should only be identified when they are stand alone items.

1.3 Related Functions

All information on the configuration of asset classes (L-Class) to functions is contained within the latest revision of the Asset Data Dictionary Master Configuration document (eB ref: CRL1-XRL-Z3-ADDSD-CR001-50186)

2 Asset Tag Identification Rules

Assets will be identified as required by the Asset Identification Standard (CRL1-XRL-O6-STD-CR001-00031) in the following format:

<LCS Code>-<Function Code>-<Incremental number to ensure uniqueness>

e.g. CR076-BAF-12345

Information and guidance on the standard naming convention for all asset classes is contained within the latest revision of the Asset Naming Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

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2.1 Example Images

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3 Attributes

3.1 Generic Attributes

All Classes of assets will have a set of Generic Attributes for which data is collected without exception. Full details relating to these assets can be found at:

AD4 – Generic Attributes CRL1-XRL-Z3-ADDSD-CR001-50069

3.2 Class Specific Attributes

Below is a table of the further specific attributes which are associated with this asset class.

Attribute Name	Base Unit or Formula	Value Type (See Below)	Decimal Places (nu Only)	Defined Values List (pd only)	Description
Full Load Current (Amps)	Amps	NU	0		The maximum safe current in Amps
Rated Voltage (Volts)	Volts	NU	0		The rated operating voltage of the unit
Lockable		PD		Yes No	Is the isolator lockable
Mounting		CH			What is the mounting arrangement
Phase		PD		Single phase Three phase	Is it single or three phase
Fused		PD		Yes No	Is the Isolator fused?

pd = Predefined List (Listed Values Only)
nu = Numeric (dp and number format can be stipulated)
ch = Free text (Max 255 Characters)
da = Date (dd-mm-yyyy)
me = Memo (Free text 1GB Limit)

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4 Performance Data

This section is to be used to specify the performance data to be gathered from this Class of asset when in operation. To be populated once the performance measures have been agreed with the Infrastructure Managers.

5 Labelling

Information and guidance on the standard labelling convention for all asset classes is contained within the latest revision of the Asset Naming and Labelling Convention Document (eB ref: CRL1-XR1-Z3-ADDSD-CR001-50413).

6 Other Information

Not Applicable

7 Reference Material

- Asset Data Dictionary Master Configuration - CRL1-XRL-Z3-ADDSD-CR001-50186
- Asset Identification Standard - CRL1-XRL-O6-STD-CR001-00031
- AD4 – Generic Attributes - CRL1-XRL-Z3-ADDSD-CR001-50069
- Asset Naming Convention Document - CRL1-XR1-Z3-ADDSD-CR001-50413

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8 Crossrail Technical Approvals

Name	Role	Date
[redacted]	Lead Mechanical & Electrical Plant (MEP) Engineer	19-Sep-2014

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