ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L75612 – FIRE DAMPERS FOR AIR DUCTLINES

Learning Legacy Document

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8.0	3-Feb-2016	[redacted]	[redacted]	[redacted]	Attribute Value Removed Attribute Value Added

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1 Introduction

1.1 Asset Details

Class Code: L75612

Class Name: Fire Dampers for Air Ductlines

Class Lineage: Construction Products>Services>Climate control plant and equipment (HVAC)>Distribution>Ductwork, ducts>Fire dampers for air ductlines

1.2 Description

Fire dampers for air ducts are dampers which close off an air duct automatically in the event of fire so as to restrict the passage of fire and smoke. It is a fire protection resource which protects ducts to prevent the spread of fire inside the ductwork through fire-resistance rated walls and floors.

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)

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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
Air Pressure Drop at duty flow (Pa)	Pa	NU	0		The drop in pressure over the unit
Detector Type		PD		Fire Smoke Fire & Smoke	What is the type of detector
Fail Safe		PD		Open Closed	Does the Damper fail Open or Closed
BS Fire Rating		CH			in accordance with appropriate British Standard/s
Input Voltage (Volts)	Volts	NU	0		The rated operating voltage of the unit
Mechanism		PD		Actuated Thermal Link	What type of mechanism does the damper use to operate?

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

- in accordance with BS EN 1366-2
- 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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