ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4)
L76115 - AMPLIFIERS

Learning Legacy Document

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1 Introduction

1.1 Asset Details

Class Code: L76115

Class Name: Amplifiers

Class Lineage: Construction Products>Service>Information/communication service products>General information systems>Audio information>Amplifiers

1.2 Description

An electronic amplifier module is a device that amplifies the input signal to a device into a boosted output signal to another device/s. For example, amplifiers may be used to boost audio, video or RF signals as part of a communication network system.

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).

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
Power Rating (Watts)	Watts	NU	0		The power rating of the Amplifier module.
Width (Millimetres)	Millimetres	NU	0		The Width of the amplifier.
Height (Millimetres)	Millimetres	NU	0		The Height of the amplifier.
Depth (Millimetres)	Millimetres	NU	0		The Depth of the amplifier.
Frequency (Hertz)	Hertz	NU	0		Frequency of the amplifier.

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 document - 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]	Project Manager - C660 Communications and Control Systems	19-Sep-2014

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