ASSET DATA DICTIONARY DEFINITION DOCUMENT (AD4) L747352 – PLATE SWITCHES & MULTI GANG GRID SWITCHES

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6.0	27-Aug-2015	[redacted]	[redacted]	[redacted]	Labelling Section Updated

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1 Introduction

1.1 Asset Details

Class Code:	L747352
Class Name:	Plate Switches & Multi Gang Grid Switches
Class Lineage:	Construction Products>Services>Electric power and lighting services products>Terminal devices>Fixed luminaires (lighting fittings)>Light switches>Dolly/rocker switches

1.2 Description

Plate Switches and Multi Gang Grid Switches are essentially a rocker switch that is an electrical component used to break or connect an electrical lighting circuit

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**
Full Load Current (Amps)	Amps	NU	0		Confirms switch rating in Amps
IP Rating		CH			Classifies and rates the degree of protection from intrusion by external matter e.g. solids; liquids; mechanical (impact). A suffix may be added to the rating to give additional information e.g. to define whether an asset is protected from high pressure and temperature washing.
Number of Ways		PD		1 Gang 1 Way 1 Gang 2 Way 2 Way Intermediate	Defines the number of switches that may have control of a lighting circuit

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Attribute Name	**Base Unit or Formula**	**Value Type** (See Below)	**Decimal Places** (nu Only)	**Defined Values List** (pd only)	**Description**
Pole		PD		Double Pole Two Way Retractive Switch Double Pole 1 Way Switch Single Pole 1 Way Switch Single Pole 2 Way Switch Single Pole 2 Way 2 Gang Switch Single Pole 2 Way 3 Gang Switch	Defines the number of contact sets (poles,) and switching positions (throws):
Vandal Resistant		PD		Yes No	Defines whether a switch is hidden from public view, or locked, to deter vandalism / misuse, and the materials from which it is manufactured.

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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