EDA Data Services Limited – EDATA – The Electrical Industry Data Pool

EDATA – Upgrade Release Notes

Development Phase 16 – 31 May 2024

1. Introduction

- These release notes accompany the EDATA Phase 16 upgrade released on 22nd April 2024.
- This upgrade centres around the introduction of a suite of API calls enabling users and software developers to access data within EDATA based on a choice of parameters covering most common use cases.
- EDATA can maintain a history of API calls and their source enabling this information to be combined with other download details to provide a comprehensive set of statistics for manufacturers (to be available for access later in 2024).

2. Summary of API endpoints available

2.1 Retrieve Single Product Details (GET call)

- Three options available:

  - Retrieve single product details based on manufacturer part number
  - Retrieve single product details based on GTIN
  - Retrieve single product details based on EDATA product ID

- All options return the full EDATA product data set for the product matching the submitted criteria.
- Manufacturer part number option includes the facility to submit the manufacturer DUNS number in combination with the part number. This is recommended as there are occasions where different manufacturers are using an identical part number.

2.2 Retrieve Full Product Details for all Products Matching Criteria (GET call)

- Returns the full EDATA product data set for all products matching the submitted criteria which may be:

  - Manufacturer DUNS number
  - Manufacturer name
  - Last change date

- Where a last change date is submitted, products which have changed after that date are returned.   This includes new products added after that date.
- This option may therefore be used in any of the following use cases:

  - Retrieve all products from a specified manufacturer
  - Retrieve all products from a specified manufacturer which have changed since a specified date
  - Retrieve all products from EDATA which have changed since a specified date

2.3 Retrieve Light Product Details for all Products Matching Criteria (GET call)

- Returns a restricted EDATA product data set for all products matching the submitted criteria which may be:

  - Manufacturer DUNS number
  - Manufacturer name
  - Last change date

- Where a last change date is submitted, products which have changed after that date are returned. This includes new products added after that date.
- This option may therefore be used in any of the following use cases:

  o Retrieve all products from a specified manufacturer
  o Retrieve all products from a specified manufacturer which have changed since a specified date
  o Retrieve all products from EDATA which have changed since a specified date

- The restricted product data set includes:

  o Manufacturer Part Number
  o GTIN
  o Manufacturer DUNS Number
  o Manufacturer Name
  o Brand
  o Family
  o Range
  o Short Description
  o Status
  o EDATA product ID

- This option is intended for use where the user or software developer wishes to store, and maintain locally, sufficient data to carry out simple searches on the EDATA database. On identifying the required product the Retrieve Single Product Details endpoint may be used to return the full data set for that product.

2.4 Retrieve Product Details for a List of Products (POST call)

- Returns full EDATA product data for all matching products in a submitted product list.
- Three options available:

  o Retrieve product details based on manufacturer part number
  o Retrieve product details based on GTIN
  o Retrieve product details based on EDATA product ID

- Manufacturer part number option includes the facility to submit the manufacturer DUNS number in combination with the part number list. This is recommended as there are occasions where different manufacturers are using an identical part number.
- Last change date may also be submitted in combination with the product list in which case only matching products which have changed after that date will be returned.
- This option may be used where the user or software developer only wishes to store and maintain locally a restricted list of products e.g. matching their stock or web shop profile.

2.5 Retrieve a List of all EDATA Manufacturers (GET call)

- Returns a list of all EDATA manufacturers including Manufacturer Name and Manufacturer DUNS Number.
- This data can be stored locally to ensure that data submitted in product endpoints aligns with that in EDATA.

2.6 Documentation

- [A Swagger page documenting the EDA API options may be found here.](#)
- Users and software developers wishing to access the EDATA APIs via other platforms (e.g. Postman) should contact the EDATA team.

2.7 API Keys

- API keys are issued on request to authorised users of EDATA.
- API keys will also be issued to software developers (at EDA's discretion) for development and testing purposes.

> **EDATA users or software developers who wish to make use of EDATA APIs should please contact the EDATA team**
> **020 3141 7352 or edata@eda.org.uk**

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