

ENVIRONMENTAL PRODUCT DECLARATION

SIMATIC S7-1200 G2 CPU

6ES7212-1AG50-0XB0

Type II according to ISO 14021 including life cycle impact assessment (LCIA)

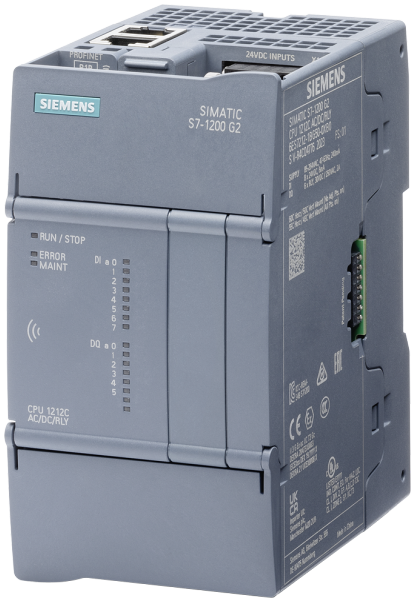


Figure similar

SIEMENS

General information

This environmental product declaration (EPD) is based on the international standard ISO 14021 (“Environmental labels and declarations – Self declared environmental claims – Type II environmental labelling”). The data in this EPD has been evaluated on a full-scale life cycle assessment (LCA) study according to ISO 14040/44, taking into account the product category rules (PCR) for electronic and electrotechnical products and systems defined in EN 50693.

Siemens is dedicated to an environmentally conscious design of its products in line with IEC 62430 and has implemented an integrated management system according to ISO 9001, ISO 14001 and ISO 45001.

Products	**Variants in the product family of SIMATIC S7-1200 G2 CPU 1212C**
Represented by the reference product	6ES7212-1AG50-0XB0
Product Description	SIMATIC S7-1200 G2: compact CPU 1212C DC/DC/DC; power supply: DC 20.4-28.8 V DC; onboard I/O: 8x DI 24 V DC; 6x DO 24 V DC; memory: program 150 KB data: 500 KB, retentivity: 20 KB
Functional Unit	To control industrial automation applications over the reference service lifetime of 10 years[1]

[1] The lifetime value used for calculation is a reference value and does not equate with the minimum, average or real life time.

Material composition

The following chart outlines the overall material composition of the calculated reference product without packaging. Product weight of 0.32 kg adds up with packaging weight of 0.03 kg to a total weight of 0.35 kg. Packaging consists of cardboard and paper.

Product Weight 0.32 kg

