


Three-phase plug socket system

Product self-declared environmental claims
Type II environmental labelling

According to UNI EN ISO 14021:2021

1. Declaration number	N° 03/2023-EN
2. Holder of self-declaration	Gewiss S.p.a Via Domenico Bosatelli, 1 24069 Cenate sotto (BG)
3. Product name	Three-phase plug socket system related codes: - GWJ5835AL - GWJ5838AL - GWJ5835CL - GWJ5838CL - GWJ5834CT - GWJ5835EV - GWJ5838EV
4. Regulatory compliance	This product complies with the relevant international standards IEC 62196-1 and IEC 62196-2. In addition, product codes containing the abbreviation EV comply with the requirements of the EV Ready 1.4G standard
5. Reporting boundaries	The validity of this Self-declaration is limited to the mentioned product. The holder of the declaration is responsible for data and analysis underlying the assessment.
6. Product image	 <p>Note: this self-declaration does not include the plug-socket component connection cable</p>

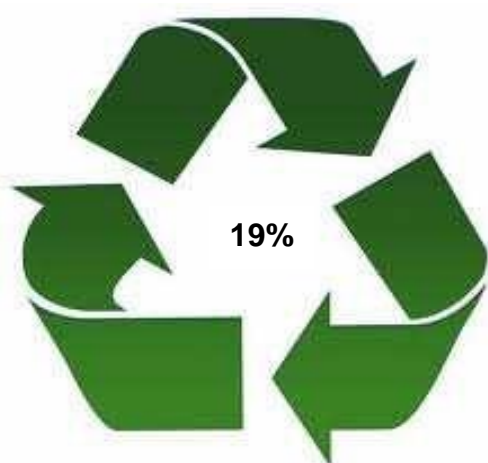
7. Summary product description	<p>The three-phase socket-plug system is part of a more complex product identified as I-CORD, used for charging electric vehicles.</p> <p>The socket and plug are both composed of a structure identified as a handle assembly consisting of a handle and a cable clamp ring. Inside the assembly is the cable clamp with its respective gasket.</p> <p>The grip body assembly consists mainly of the grip body and the grip cover. Inside there are 7 alveoli.</p> <p>The socket body-plug assembly consists mainly of the socket body and cover. Inside there are 7 pins.</p> <p>A cover is provided to protect the system.</p> <p>The external components of the plug and socket are made of Renycle®S N101 3030 BK, a second life plastic material.</p>
8. Life Cycle Perspective	<p>This product was designed and realized through a "Life cycle Perspective" approach, considering therefore already in its conception phases not only the common aspects of realization, but also the aspects of use and disposal.</p> <p>This has enabled some of the most significant environmental aspects along its life cycle to be carefully managed.</p>
9. Materials	<p>The product is composed of a number of materials which can be divided into the following categories:</p> <p>Plastics, of which: Polyamide 6 PA6 GF20, Renycle® S N101 3030 BK (a second life plastic resulting from the recovery of pre/post consumption PA6), TPV sh. A 55, TPE sh. A 60, POM, EPDM rubber.</p> <p>Metals: Brass, AISI 304 steel.</p> <p>The supplier of the Renycle® S N101 3030 BK has performed a life cycle analysis (LCA) to assess environmental impacts.</p>
10. Packaging	<p>The chosen packaging are made of cardboard (both primary packaging and secondary packaging for transportation) and are always 100% recyclable.</p> <p>In this declaration, only primary packaging is taken into account.</p>
11. Environmental claims	<p>All statements indicating an environmental aspect of the product or component considered are described and represented below:</p>

A. Recycled content	<p>In the three-phase plug-socket system, the recycled plastic content of the total material present is 19 %</p> <p>The recycled content of packaging is 51%.</p>
B. Recyclable	<p>In the single-phase plug-socket system, the recyclable plastic content of the total material is 72 %.</p> <p>The recyclability of the packaging is 100%.</p>
C. Designed for disassembly	<p>The system has been designed to be easy to be disassembled. The breakdown of the product can be carried out with bare hands for the main components while the complete disassembly is done by removing the screws that keep the components made from different materials together.</p> <p>This can be done by using a standard screwdriver.</p> <p>Components made of different materials are not mechanically or chemically bonded to each other, nor are structural elements.</p>

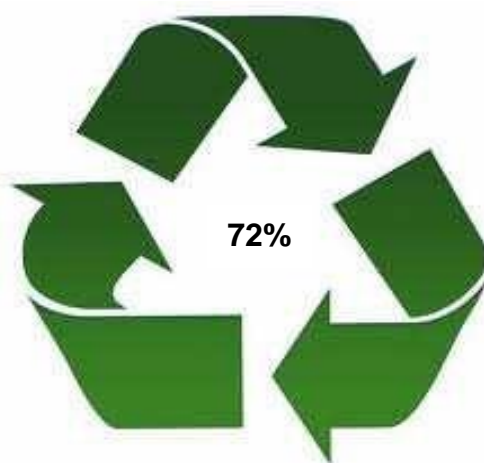
The following labels can be used for the above environmental claims:

Mobius cycle for recycled content and recyclability for single-phase system

SINGLE-PHASE PLUG SOCKET SYSTEM *



RECYCLED MATERIAL



RECYCLABLE MATERIAL

* The percentage does not consider cables and sheathing

Mobius cycle for recycled content and recyclability of primary packaging

PACKAGING



RECYCLED MATERIAL



RECYCLABLE MATERIAL

In addition, in view of the analyses performed, GEWISS can also use the following declaration:

PRODUCT DESIGNED FOR DISASSEMBLY

DISCLAIMER: The information and data contained in this declaration have been prepared by Gewiss S.p.A. and are subject to periodic updating or modification. We therefore invite you to refer to the updated version of the declaration published on the website www.gewiss.com