Environmental Product Declaration

WEW 35/2

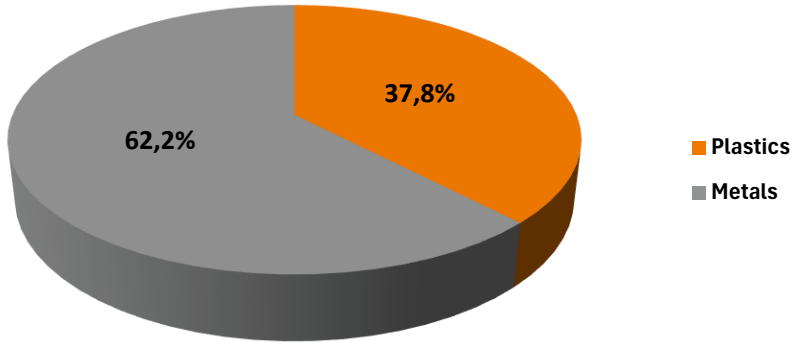
Company Information	**Weidmüller Interface GmbH & Co. KG** Klingenbergstraße 26 D-32758 Detmold Germany www.weidmüller.com
Contact	green-compliance@weidmueller.com

General Data

Version	End bracket, dark beige, TS 35, HB, Wemid, Width: 8 mm, 100 °C
Order No.	1061200000
Type	WEW 35/2
Function	For permanent mounting on the terminal rail and sliding prevention
Functional unit	One end bracket

Constituent Materials

The total weight of the product is 13,8 g (including packaging material). The constituent materials are distributed as follows:



Categorisation according to the material classes of IEC 62474:

Plastics			**Metals**			**Other**	
M-258	Polyamide	36,5 %	M-119	Stainless steel	62,2 %		
M-201	Polyethylene	1,3 %					
Plastics in total		**37,8 %**	**Metals in total**		**62,2 %**	**Others in total**	**0 %**

The product is in compliance with RoHS (EU Directive 2011/65/EU).

According to the REACH Regulation 1907/2006, the ECHA publishes on its website which substances are to be classified as so-called substances of very high concern (SVHC). As soon as an article contains SVHC above the respective threshold values for the declaration obligation according to Article 33, the affected articles and the SVHC they contain are published in the online product catalogue at each product.

The online product catalogue site of this product can be accessed via the link:

https://eshop.weidmueller.com/de/wew-352/p/1061200000

Additional Environmental Information

Manufacture	The End bracket WEW 35/2 is manufactured at a Weidmüller Interface production site on which an ISO 14001 and 50.001 certified environmental management system has been established.
Distribution	The shipment is made from the distribution centre to the customer by truck. The transport route to the customer was assumed to be 3500 km by lorry.
Installation	Only the disposal of the packaging is considered in this phase, as the installation is carried out manually and with non-electrical tools.
Use	No maintenance or utilities are required during use.
End of Life	The end-of-life stage is modelled based on the data from Eurostat. The transport route to the disposal company was assumed to be 1000 km by lorry.

Environmental Impacts

Reference Service Lifetime	20 years			
Product category	Electrical switchgear and control gear solutions (Equipment)			
Installation elements	No special installation elements required.			
Use scenario	No energy is consumed during the products reference service lifetime.			
Geographical representativeness	Europe			
Software	Sphera LCA for Experts, v10.9			
Database	LCA for Experts			
Energy model	**Manufacture**	**Installation**	**Use**	**End of Life**
	Germany	-	-	Europe

Environmental impacts indicators

Environmental impact indicator	Unit	Total	Manufacture	Distribution	Installation	Use	End of Life	Benefits
Climate change - total	kg CO_2 eq.	7,06E-02	1,47E-01	5,75E-03	4,32E-04	0,00E+00	2,18E-03	-8,44E-02
Climate change - fossil	kg CO_2 eq.	6,96E-02	1,47E-01	5,80E-03	4,32E-04	0,00E+00	1,83E-03	-8,54E-02
Climate change - biogenic	kg CO_2 eq.	7,54E-04	-4,82E-04	-1,46E-04	-9,50E-08	0,00E+00	3,21E-04	1,06E-03
Climate change - land use and land use change	kg CO_2 eq.	3,12E-04	2,02E-04	9,52E-05	8,98E-08	0,00E+00	2,78E-05	-1,31E-05
Ozone depletion	kg CFC 11 eq.	2,81E-13	3,41E-13	8,34E-16	1,01E-16	0,00E+00	3,02E-16	-6,15E-14
Acidification	mol H+ eq.	5,45E-04	7,07E-04	1,01E-05	7,65E-08	0,00E+00	2,54E-06	-1,75E-04
Eutrophication - freshwater	kg P eq.	2,13E-07	2,58E-07	2,42E-08	1,76E-09	0,00E+00	1,56E-08	-8,68E-08
Eutrophication - marine aquatic	kg N eq.	1,00E-04	1,32E-04	4,06E-06	2,05E-08	0,00E+00	1,01E-06	-3,65E-05
Eutrophication - terrestrial	mol N- eq.	1,12E-03	1,42E-03	4,71E-05	3,12E-07	0,00E+00	1,11E-05	-3,56E-04
Photochemical ozone formation	kg NMVOC	2,78E-04	4,11E-04	9,91E-06	6,00E-08	0,00E+00	2,65E-06	-1,46E-04
Abiotic resource depletion - metals & minerals	kg Sb eq.	1,58E-06	1,80E-06	4,93E-10	1,44E-12	0,00E+00	1,45E-10	-2,14E-07
Abiotic resource depletion - fossils	MJ	1,06E+00	2,22E+00	7,46E-02	2,83E-04	0,00E+00	2,21E-02	-1,26E+00
Water requirement	m3	6,43E-02	6,80E-02	8,77E-05	4,08E-05	0,00E+00	3,93E-05	-3,85E-03

Resources use indicators

Resource use indicators	Unit	Total	Manufacture	Distribution	Installation	Use	End of Life	Benefits
Use of renewable primary energy	MJ	3,93E-01	4,41E-01	6,43E-03	6,10E-05	0,00E+00	1,91E-03	-5,57E-02
Total use of renewable primary energy resources	MJ	3,93E-01	4,41E-01	6,43E-03	6,10E-05	0,00E+00	1,91E-03	-5,57E-02
Use of non-renewable primary energy	MJ	1,06E+00	2,22E+00	7,46E-02	2,83E-04	0,00E+00	2,21E-02	-1,26E+00
Total use of non-renewable primary energy resources	MJ	1,06E+00	2,22E+00	7,46E-02	2,83E-04	0,00E+00	2,21E-02	-1,26E+00
Input of secondary material	kg	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00
Use of net fresh water	m^3	-1,70E-03	2,17E-03	7,16E-06	9,78E-07	0,00E+00	2,42E-06	-3,88E-03

Waste category indicators

Waste category indicators	Unit	Total	Manufacture	Distribution	Installation	Use	End of Life	Benefits
Hazardous waste disposed	kg	5,93E-06	5,93E-06	2,86E-12	1,21E-13	0,00E+00	9,08E-13	-2,99E-09
Non-hazardous waste disposed	kg	8,51E-03	4,47E-03	1,22E-05	1,41E-04	0,00E+00	3,12E-04	3,58E-03
Radioactive waste disposed	kg	4,78E-05	5,34E-05	1,36E-07	7,06E-09	0,00E+00	4,51E-08	-5,74E-06
Materials for Recycling	kg	2,24E-02	8,99E-04	0,00E+00	1,87E-04	0,00E+00	2,13E-02	0,00E+00

Date of issue: 21.10.2024	Validity period: 5 Years
Document in compliance with ISO 14021 « Environmental labels and declarations - Self-declared environmental claims (Type II environmental labelling) »	

