Product Environmental Profile

Automatic reclosing devices

ReStart & ReStart Autotest Range

GEWISS S.p.A.

Registration number: GWGS-00015-V01.01-EN	Drafting rules**:** ***PCR-ed4-EN-2021 09 06*** Supplemented by ***PSR-0005-ed3.1-EN-2023 12 08***
Vérifier accreditation n°**: VH51**	Information and reference documents: **www.pep-ecopassport.org**
Date of issue**: 05-2026**	Validity period**: 5 years**
Indipendent verification of the declaration and data, in compliance with ISO 14025: 2010	
Internal : ☐	**External :** ☒
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)	
PEPs are compliant with XP C08-100-1:2016 and EN 50693:2019 The components of the present PEP may not be compared with components from any other program.	
Document in compliance with ISO 14025: 2010 « Environmental labels and declarations. Type III environmental declarations »	

Product Environmental Profile

GEWISS Sustainability commitment

GEWISS mission is to create value for our customer and our staff providing innovative and scalable solutions for building, industries and infrastructures, connecting people and things, while improving the safety and the quality of life, driven by **integrity**, culture of **excellence** and **sustainability**.
GEWISS is strongly convinced that being sustainable is essential, and therefore has decided to develop a responsible business model, which promotes respectful conduct towards people and the environment in developing products, solutions and services.

Disclaimer

The information contained in this declaration is provided under the responsibility of GEWISS in accordance with standard UNI EN ISO 14025, PCR-ed4-EN-2021 09 06 and PSR-0005-ed3.1-EN-2023 12 08.

The information contained in this document is updated as of the date of its issuance. Such information is the property of GEWISS. Any inappropriate use that alters its meaning and/or damages GEWISS's reputation is strictly prohibited.

Reading instructions

The following display rules are used:

- Values are expressed in simplified scientific notation: 0.0038 = 3.80 x 10^{-3} = 3.80E-3 ;
- When the result of the inventory calculation is zero, the value zero is displayed;
- Non-zero values are expressed with three significant figures.

General background

This declaration is an individual declaration covering the life cycle from cradle to grave.

The declaration is available at the following address:
www.pep-ecopassport.org/

Person responsible for this declaration

QHSE & Sustainability Director

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Product Environmental Profile

General information

Product category: Blocks and differential switches.

Product family: GW90922 Homogeneous family - In the event the switch trips, the ReStart devices, after checking the system status, restore the power supply thereby ensuring maximum continuity of service in complete safety. Available for both residual current circuit breakers and residual current circuit breakers with overcurrent protection, the range is characterized by the Autotest functions, with periodic and automatic control of the residual current protection without interrupting the power supply and PRO with extended control of the system.

Functional Unit: Protect people and premises at risk of fire or explosion against insulation defects in a circuit with rated voltage Ue = 400 V AC, rated current In = 40 A, with Np = 4 poles, sensitivity S = 30 mA, and differential protection type A[IR], in the Industrial application area, according to the appropriate use scenario, and during the 20-year reference service life of the product.

Reference product: GW90922.

Reference period: All inventory data refer to the year 2025.

Geographical representativeness: Europe.

Technological representativeness: Technological representativeness refers to the specific production process for primary data.

Energy Model:

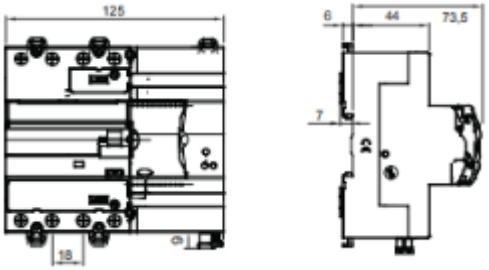
Manufacturing	Installation	Use	EOL
Geographical specific Residual Mix - AIB residual mix from Ecoinvent 3.11	No energy consumption occurs during the installation stage	Geographical specific Residual Mix - AIB residual mix from Ecoinvent 3.11	The energy-related processes used for the inputs of the end-of-life stage are those included in the Ecoinvent datasets selected for the analysis.

Products belonging to the same environmental family:

Article code				
GW90901N	GW90941G	GW90922G	GW90919	GW90943D
GW90911G	GW90947G	GW90928G	GW90933G	GW90943G
GW90917	GW90902N	GW90942D	GW90923G	GW90949G
GW90931G	GW90912G	GW90942G	GW90929G	GW90950
GW90921G	GW90918	GW90948G	GW90930	GW90929
GW90927G	GW90932G	GW90913G	GW90943BD	GW90929B
GW90911B	GW90941	GW90922	GW90948B	GW90943
GW90931	GW90941B	GW90922B	GW90913	GW90943B
GW90931B	GW90947	GW90928	GW90913B	GW90949
GW90921	GW90947B	GW90928B	GW90933	GW90949B
GW90921B	GW90912B	GW90942	GW90933B	
GW90927	GW90932	GW90942B	GW90923	
GW90927B	GW90932B	GW90948	GW90923B	

Product Environmental Profile

Reference product characteristics

Product family	*Blocks and differential switches*
Main function	*Residual current protection and periodic self-test*
Relevant standard	*IEC EN 63024, IEC EN 61008-1, IEC EN 61008-2-1*
Manufacturing sites	*1) Via Domenico Bosatelli 1, 24069 Cenate Sotto (BG), Italy – Manufacturing of plastic components* *2) Auf d. Fohrt 1, 57482 Wenden (Ottfingen), Germany - Manufacturing of relay* *3) Zona Industrial 2a fase - Bustelo 4560-043 Penafiel, Portugal - Assembling and testing*
Range	*ReStart & ReStart Autotest*
Reference product	*GW90922*
Dimension	

Mass of the reference product

Item	Quantity
Total mass (product + packaging) [kg]	*8.54E+02*
Product mass [kg]	*7.01E+02*
Packaging mass [kg]	*1.53E+02*

Constituent materials

Constituent materials of the reference product and packaging are:

Plastic	%	Metal	%	Other	%
Total	**37.57**	**Total**	**44.57**	**Total**	**17.86**
PA6	*22.22*	*Other Ferrous*	*19.39*	*Paper*	*17.77*
PA66	*7.87*	*Steel*	*10.39*	*Other Mineral*	*0.07*
PA	*2.71*	*Copper*	*9.84*	*Other*	*0.02*
POM	*2.09*	*PCB (Metals)*	*4.07*		
Other Plastic	*2.68*	*Other Non Ferrous*	*0.88*		

Biogenic carbon content

Biogenic carbon content in the reference product	0.00E+00 Kg C
Biogenic carbon content in the packaging	6.17E+01 Kg C

Life Cycle Assessment Methodology

The Life Cycle Assessment (LCA) on which this Product Environmental Profile (PEP) is based, complies with the criteria set out in PCR-ed4-EN-2021 09 06 of the PEP ecopassport® program. The life cycle analysis was carried out using SIMAPRO software version V10.3.30 and Ecoinvent V3.11 - system model: allocation, cut-off by classification. The reference service life has been modelled according to the provisions of PSR-0005-ed3.1-EN-2023 12 08. The end-of-life modelling follows the default scenarios proposed in PSR-0005-ed3.1-EN-2023 12 08.

Life Cycle stages

Manufacturing stage, A1-A3: The manufacturing stage includes the production and transportation to the manufacturer's last logistic platform of the product and its packaging.

Distribution stage, A4: This stage includes the transportation from the final last logistic platform to the distributor. The specific distribution is based on primary data.

Installation stage, A5: Installation stage includes the installation of the products made manually and packaging. The installation phase only implies manual activities and no energy is consumed. This phase also includes the disposal of the packaging of the product. Statistical average data from PSR-0005-ed3.1-EN-2023 12 08 (based on Eurostat data - 2019) were considered for the disposal of the packaging.

Use stage, B1-B7: During the use phase, the product dissipates some electricity due to power losses. The average power loss of the switch has been calculated by GEWISS following the assumption indicated in the PSR-0005-ed3.1-EN-2023 12 08 within the Industrial application area:

- Nominal current load rate as 50% (Industrial);
- RSL of 20 years;
- Functioning time of 30% of the RSL (α).

No maintenance is planned for the product.

End-of-life stage, C1-C4: The EOL stage includes the transportation of the product from the installation site to the final end of life treatment site, and end of life treatment processes. The default end-of-life scenario provided by Annex D of PCR-ed4-EN-2021 09 06 based on Annex G of EN50693 have been adopted, considering the product transport by lorry over 1000 km.

Benefits and loads beyond the system boundaries (module D): Module D, net benefits and loads beyond the system boundaries, was modelled according to PCR-ed4-EN-2021 09 06 and the applicable PSR-0005-ed3.1-EN-2023 12 08 requirements. In the absence of product-specific end-of-life data, the default values of Annex D of the PCR, based on Table G-4 of EN 50693, were applied

Environmental impacts

The results presented below were obtained using the methods defined in PCR-ed4-EN-2021 09 06 and are referred to the Functional Unit.

Indicator	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Total use B1-B7	End of Life C1-C4	Total Life cycle	Module D
Acidification	mol H+ eq	*1.13E-01*	*6.36E-04*	*1.19E-05*	*2.12E-01*	*4.54E-04*	*3.25E-01*	*-1.05E-03*
Climate change	kg CO2 eq	*8.46E+00*	*1.92E-01*	*4.96E-02*	*5.08E+01*	*8.09E-01*	*6.01E+01*	*-2.07E-01*
Climate change - Biogenic	kg CO2 eq	*-5.64E-02*	*1.18E-04*	*4.63E-02*	*7.91E-01*	*1.85E-01*	*9.66E-01*	*-2.38E-04*
Climate change - Fossil	kg CO2 eq	*8.51E+00*	*1.92E-01*	*3.28E-03*	*4.94E+01*	*6.25E-01*	*5.86E+01*	*-2.07E-01*
Climate change - Land use and LU change	kg CO2 eq	*1.21E-02*	*6.91E-05*	*7.59E-07*	*5.45E-01*	*3.23E-05*	*5.57E-01*	*-2.48E-05*
Ecotoxicity, freshwater	CTUe	*1.97E+02*	*3.30E-01*	*6.96E-02*	*8.93E+01*	*1.43E+00*	*2.88E+02*	*-2.91E-01*
Ecotoxicity, freshwater - inorganics	CTUe	*1.92E+02*	*3.17E-01*	*6.93E-02*	*8.77E+01*	*1.42E+00*	*2.81E+02*	*-2.85E-01*
Ecotoxicity, freshwater - organics	CTUe	*5.22E+00*	*1.31E-02*	*3.65E-04*	*1.66E+00*	*6.29E-03*	*6.90E+00*	*-6.17E-03*
Particulate matter	disease inc.	*6.64E-07*	*1.95E-08*	*2.23E-10*	*2.36E-06*	*8.76E-09*	*3.05E-06*	*-8.69E-09*
Eutrophication, marine	kg N eq	*1.42E-02*	*2.16E-04*	*2.13E-05*	*5.98E-02*	*2.89E-04*	*7.44E-02*	*-1.62E-04*
Eutrophication, freshwater	kg P eq	*1.04E-02*	*1.36E-05*	*1.88E-07*	*1.49E-02*	*1.64E-05*	*2.53E-02*	*-6.93E-05*
Eutrophication, terrestrial	mol N eq	*1.57E-01*	*2.35E-03*	*4.38E-05*	*7.07E-01*	*1.92E-03*	*8.67E-01*	*-1.71E-03*
Human toxicity, cancer	CTUh	*9.38E-09*	*3.14E-11*	*1.55E-12*	*1.34E-08*	*1.02E-10*	*2.29E-08*	*-2.96E-11*
Human toxicity, cancer - inorganics	CTUh	*7.56E-09*	*1.35E-11*	*1.16E-12*	*5.07E-09*	*8.75E-11*	*1.27E-08*	*-1.48E-11*
Human toxicity, cancer - organics	CTUh	*1.83E-09*	*1.79E-11*	*3.91E-13*	*8.32E-09*	*1.48E-11*	*1.02E-08*	*-1.48E-11*
Human toxicity, non-cancer	CTUh	*6.56E-07*	*1.81E-09*	*1.07E-10*	*5.52E-07*	*3.42E-09*	*1.21E-06*	*-1.25E-09*
Human toxicity, non-cancer - inorganics	CTUh	*6.17E-07*	*1.70E-09*	*7.49E-11*	*5.34E-07*	*3.38E-09*	*1.16E-06*	*-1.19E-09*
Human toxicity, non-cancer - organics	CTUh	*3.86E-08*	*1.12E-10*	*3.19E-11*	*1.77E-08*	*4.93E-11*	*5.64E-08*	*-5.79E-11*
Ionising radiation	kBq U-235 eq	*5.78E-01*	*3.15E-03*	*6.57E-05*	*1.60E+02*	*1.57E-03*	*1.61E+02*	*-7.71E-03*
Land use	Pt	*6.51E+01*	*2.83E+00*	*3.29E-02*	*1.52E+03*	*1.16E+00*	*1.59E+03*	*-6.81E-01*
Ozone depletion	kg CFC11 eq	*1.54E-07*	*4.21E-09*	*4.65E-11*	*1.44E-06*	*1.99E-09*	*1.60E-06*	*-3.16E-09*
Photochemical ozone formation	kg NMVOC eq	*5.04E-02*	*1.01E-03*	*2.17E-05*	*1.67E-01*	*6.45E-04*	*2.19E-01*	*-5.74E-04*
Resource use, fossils	MJ	*1.14E+02*	*2.81E+00*	*3.10E-02*	*2.61E+03*	*1.28E+00*	*2.73E+03*	*-2.55E+00*

Product Environmental Profile

Indicator	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Total use B1-B7	End of Life C1-C4	Total Life cycle	Module D
Resource use, minerals and metals	kg Sb eq	*3.01E-03*	*5.40E-07*	*5.81E-09*	*2.16E-04*	*2.46E-07*	*3.23E-03*	*-5.06E-07*
Water use	m3 depriv.	*4.20E+00*	*1.28E-02*	*5.00E-04*	*2.63E+01*	*2.66E-02*	*3.05E+01*	*-8.32E-03*
Total use of primary energy during the life cycle	MJ	*1.34E+02*	*2.85E+00*	*3.20E-02*	*3.32E+03*	*1.30E+00*	*3.45E+03*	*-2.68E+00*
Net use of fresh water	m3	*4.20E+00*	*1.28E-02*	*5.00E-04*	*2.63E+01*	*2.66E-02*	*3.05E+01*	*-8.32E-03*
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	*1.69E+01*	*4.22E-02*	*9.79E-04*	*7.05E+02*	*2.22E-02*	*7.22E+02*	*-1.34E-01*
Use of renewable primary energy resources used as raw materials	MJ	*2.30E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.30E+00*	*0.00E+00*
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	*1.92E+01*	*4.22E-02*	*9.79E-04*	*7.05E+02*	*2.22E-02*	*7.24E+02*	*-1.34E-01*
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	*1.04E+02*	*2.81E+00*	*3.10E-02*	*2.61E+03*	*1.28E+00*	*2.72E+03*	*-2.55E+00*
Use of non-renewable primary energy resources used as raw materials	MJ	*1.04E+01*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.04E+01*	*0.00E+00*
Total use of non renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	*1.14E+02*	*2.81E+00*	*3.10E-02*	*2.61E+03*	*1.28E+00*	*2.73E+03*	*-2.55E+00*
Use of secondary materials	kg	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*
Use of renewable secondary fuels	MJ	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*
Use of non-renewable secondary fuels	MJ	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*
Hazardous waste disposed of	kg	*1.06E-02*	*8.03E-05*	*1.59E-04*	*1.04E-01*	*7.68E-02*	*1.92E-01*	*-6.21E-05*
Non-hazardous waste disposed of	kg	*1.25E+00*	*2.43E-01*	*1.62E-02*	*4.00E+00*	*1.05E-01*	*5.61E+00*	*-3.43E-03*
Radioactive waste disposed of	kg	*1.46E-04*	*7.74E-07*	*1.55E-08*	*3.43E-02*	*3.89E-07*	*3.45E-02*	*-1.95E-06*
Components for reuse	kg	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*
Materials for recycling	kg	*2.76E-01*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*2.76E-01*	*0.00E+00*
Materials for energy recovery	kg	*1.60E-01*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*1.60E-01*	*0.00E+00*
Exported energy	MJ	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*	*0.00E+00*

Extrapolation rules

Technical characteristics of the homogeneous environmental family	
Product	*GW90922 Homogeneous family*
Function	*Residual current protection and periodic self-test*
Manufacturing sites	*1) Via Domenico Bosatelli 1, 24069 Cenate Sotto (BG), Italy – Manufacturing of plastic components* *2) Auf d. Fohrt 1, 57482 Wenden (Ottfingen), Germany - Manufacturing of relay* *3) Zona Industrial 2a fase - Bustelo 4560-043 Penafiel, Portugal – Assembling and testing*

The extrapolation parameters, calculated following the method provided by PCR-ed4-EN-2021 09 06 are shown in the table below.
To calculate the environmental impact of the desired article code, multiply the results presented above for the extrapolation factor available in the table.

Article code	Commercial name	Phase A+C+D	Phase B
GW90911B	*RESTART AUTOTEST PRO 2P 25A 0,03 B 7M*	*0.96*	*0.73*
GW90931	*AUTOTEST 2P 25A 0,03 A[IR] 5M*	*0.80*	*0.73*
GW90931B	*AUTOTEST 2P 25A 0,03 B 7M*	*0.96*	*0.73*
GW90901N	*RESTART AUTOTEST PRO 2P 25A 0,03 A[IR]5M*	*0.80*	*0.73*
GW90911G	*RESTART AUTOTEST PRO 2P 25A 0,03 A[G] 5M*	*0.79*	*0.73*
GW90917	*RESTART AUTOTEST PRO 2P 25A 0,3 A[IR] 5M*	*0.80*	*0.73*
GW90931G	*AUTOTEST 2P 25A 0,03 A[G] 5M*	*0.78*	*0.73*
GW90921	*RESTART AUTOTEST PRO 4P 25A 0,03 A[IR]7M*	*1.00*	*0.82*
GW90921B	*RESTART AUTOTEST PRO 4P 25A 0,03 B 7M*	*1.04*	*0.82*
GW90927	*RESTART AUTOTEST PRO 4P 25A 0,3 A[IR] 7M*	*1.00*	*0.82*
GW90927B	*RESTART AUTOTEST PRO 4P 25A 0,3 B 7M*	*1.04*	*0.82*
GW90941	*AUTOTEST 4P 25A 0,03 A[IR] 7M*	*1.00*	*0.82*
GW90941B	*AUTOTEST 4P 25A 0,03 B 7M*	*1.04*	*0.82*
GW90947	*AUTOTEST 4P 25A 0,3 A[IR] 7M*	*0.99*	*0.82*
GW90947B	*AUTOTEST 4P 25A 0,3 B 7M*	*1.04*	*0.82*
GW90921G	*RESTART AUTOTEST PRO 4P 25A 0,03 A[G] 7M*	*0.99*	*0.82*
GW90927G	*RESTART AUTOTEST PRO 4P 25A 0,3 A[G] 7M*	*1.00*	*0.82*
GW90941G	*AUTOTEST 4P 25A 0,03 A[G] 7M*	*0.99*	*0.82*
GW90947G	*AUTOTEST 4P 25A 0,3 A[G] 7M*	*0.99*	*0.82*
GW90912B	*RESTART AUTOTEST PRO 2P 40A 0,03 B 7M*	*0.96*	*0.96*
GW90932	*AUTOTEST 2P 40A 0,03 A[IR] 5M*	*0.80*	*0.96*
GW90932B	*AUTOTEST 2P 40A 0,03 B 7M*	*0.96*	*0.96*
GW90902N	*RESTART AUTOTEST PRO 2P 40A 0,03 A[IR]5M*	*0.80*	*0.96*
GW90912G	*RESTART AUTOTEST PRO 2P 40A 0,03 A[G] 5M*	*0.79*	*0.96*
GW90918	*RESTART AUTOTEST PRO 2P 40A 0,3 A[IR] 5M*	*0.80*	*0.96*
GW90932G	*AUTOTEST 2P 40A 0,03 A[G] 5M*	*0.78*	*0.96*
GW90922	***RESTART AUTOTEST PRO 4P 40A 0,03 A[IR]7M***	***1.00***	***1.00***
GW90922B	*RESTART AUTOTEST PRO 4P 40A 0,03 B 7M*	*1.04*	*1.00*
GW90928	*RESTART AUTOTEST PRO 4P 40A 0,3 A[IR] 7M*	*1.00*	*1.00*
GW90928B	*RESTART AUTOTEST PRO 4P 40A 0,3 B 7M*	*1.04*	*1.00*
GW90942	*AUTOTEST 4P 40A 0,03 A[IR] 7M*	*1.00*	*1.00*

Article code	Commercial name	Phase A+C+D	Phase B
GW90942B	*AUTOTEST 4P 40A 0,03 B 7M*	*1.04*	*1.00*
GW90948	*AUTOTEST 4P 40A 0,3 A[IR] 7M*	*0.99*	*1.00*
GW90948B	*AUTOTEST 4P 40A 0,3 B 7M*	*1.04*	*1.00*
GW90922G	*RESTART AUTOTEST PRO 4P 40A 0,03 A[G] 7M*	*0.99*	*1.00*
GW90928G	*RESTART AUTOTEST PRO 4P 40A 0,3 A[G] 7M*	*1.00*	*1.00*
GW90942D	*AUTOTEST GIORNALIERO 4P 40A 0,03 A[IR]7M*	*1.00*	*1.00*
GW90942G	*AUTOTEST 4P 40A 0,03 A[G] 7M*	*0.99*	*1.00*
GW90948G	*AUTOTEST 4P 40A 0,3 A[G] 7M*	*0.99*	*1.00*
GW90913	*RESTART AUTOTEST PRO 2P 63A 0,03 A[IR]5M*	*0.80*	*1.01*
GW90913B	*RESTART AUTOTEST PRO 2P 63A 0,03 B 7M*	*0.96*	*1.01*
GW90933	*AUTOTEST 2P 63A 0,03 A[IR] 5M*	*0.80*	*1.01*
GW90933B	*AUTOTEST 2P 63A 0,03 B 7M*	*0.96*	*1.01*
GW90913G	*RESTART AUTOTEST PRO 2P 63A 0,03 A[G] 5M*	*0.79*	*1.01*
GW90919	*RESTART AUTOTEST PRO 2P 63A 0,3 A[IR] 5M*	*0.80*	*1.01*
GW90933G	*AUTOTEST 2P 63A 0,03 A[G] 5M*	*0.78*	*1.01*
GW90923	*RESTART AUTOTEST PRO 4P 63A 0,03 A[IR]7M*	*1.00*	*1.43*
GW90923B	*RESTART AUTOTEST PRO 4P 63A 0,03 B 7M*	*1.04*	*1.43*
GW90929	*RESTART AUTOTEST PRO 4P 63A 0,3 A[IR] 7M*	*1.00*	*1.43*
GW90929B	*RESTART AUTOTEST PRO 4P 63A 0,3 B 7M*	*1.04*	*1.43*
GW90943	*AUTOTEST 4P 63A 0,03 A[IR] 7M*	*1.00*	*1.43*
GW90943B	*AUTOTEST 4P 63A 0,03 B 7M*	*1.04*	*1.43*
GW90949	*AUTOTEST 4P 63A 0,3 A[IR] 7M*	*0.99*	*1.43*
GW90949B	*AUTOTEST 4P 63A 0,3 B 7M*	*1.04*	*1.43*
GW90923G	*RESTART AUTOTEST PRO 4P 63A 0,03 A[G] 7M*	*0.99*	*1.43*
GW90929G	*RESTART AUTOTEST PRO 4P 63A 0,3 A[G] 7M*	*1.00*	*1.43*
GW90930	*RESTART AUTOTEST PRO 4P 63A 0,3 A[S] 7M*	*1.00*	*1.43*
GW90943BD	*AUTOTEST GIORNALIERO 4P 63A 0,03 B 7M*	*1.04*	*1.43*
GW90943D	*AUTOTEST GIORNALIERO 4P 63A 0,03 A[IR]7M*	*1.00*	*1.43*
GW90943G	*AUTOTEST 4P 63A 0,03 A[G] 7M*	*0.99*	*1.43*
GW90949G	*AUTOTEST 4P 63A 0,3 A[G] 7M*	*0.99*	*1.43*
GW90950	*AUTOTEST 4P 63A 0,3 A[S] 7M*	*1.00*	*1.43*

List of references

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- ***PSR-0005-ed3.1-EN-2023 12 08 - SPECIFIC RULES FOR Electrical switchgear and control gear Solutions***
- ***ISO 14040: 2006 - Environmental management — Life cycle assessment — Principles and framework***
- ***ISO 14044: 2006 - Environmental management — Life cycle assessment — Requirements and guidelines***
- ***GEWISS Website (https://www.gewiss.com/it/it/prodotti/product.1000001.1000060.GW90922)***
- ***Google Maps (https://www.google.com/maps)***
- ***Sea distances (https://sea-distances.org/)***
- ***Distance.to (https://www.distance.to/)***
- ***Ecoinvent 3.11***
- ***https://support.simapro.com/en/articles/504656-how-to-calculate-en-15804-a2-indicators-in-desktop-simapro***