



Life Cycle Assessment of NZM3 Molded Case Circuit Breaker (IEC) with PXR Electronic Trip Unit and STD Technology with Or Without Box Terminal

Representative product	NZMH3-4-AX630 (Y7-191389) Product Category: Circuit Breakers
Description of the product	Eaton Moeller series NZM3 Molded Case Circuit Breaker (IEC) with PXR Electronic Trip Unit and STD Technology with Or Without Box Terminal is designed to protect the installation from overload and short circuits. It is used in unearthed supply systems up to 690 V. It comes with Thermo-Magnetic Trip Unit
Homogeneous Environmental Families Covered	The PEP concerns following product offerings from Eaton Moeller series NZM molded case circuit breaker with Thermo-Magnetic Trip Unit as mentioned below: • Series: NZM Circuit Breaker • Switching Capacity: H (High), L (Limiter), N (Normal), S (Strong) • Rated Current – Classic full Electronics (VX, AX, PX, MX, PMX): 250A, 400A, 630A, 220A, 350A, 450A. • Rated Current: VAR - Variable neutral conductor protection Full protection in L1-L2-L3 and variable setting in N 0 %, 60 %, 100 % • TAZ: Earth fault protection, maintenance mode Arc flash Reduction Maintenance System™, zone selectivity ZSI, NZM3 and NZM4 only • T: Earth fault protection • S1: 1000 V AC Version • No. of Poles: 3, 4 • Terminal Type: With or Without Box Terminal,
Functional unit	“Protect the installation from overloads and short circuits in a circuit with rated voltage 690V, rated current 630A, with 4 poles, a rated breaking capacity 9kA, and IP20 Rating, in the Industrial application area, according to the appropriate use scenario, and during the reference service life of the product of 20 years.”

Company information	Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania, 437157 Email: productstewardship-es@eaton.com
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Constituent materials			
Reference product mass	8.420E+00 kg (with packaging)		
Category pep material	Material constituent	Mass (kg)	% contribution
Metals	Copper	2.68E+00	31.8%
Metals	Steel	1.98E+00	23.6%
Plastics	Unsaturated polyester resin	1.65E+00	19.6%
Metals	Stainless steel	5.29E-01	6.3%
Others	Cardboards	4.59E-01	5.5%
Plastics	Polyphenylene sulphide	3.18E-01	3.8%
Plastics	Polyurethane	2.62E-01	3.1%
Others	Wood	1.17E-01	1.4%
Plastics	Polycarbonate	1.01E-01	1.2%
Plastics	Polyamide 66	8.80E-02	1.1%
Others	Printed wiring board	7.20E-02	0.9%
Metals	Silver	4.00E-02	0.5%
Plastics	Polyamide 66 with Glass fibre 30%	3.20E-02	0.4%
Plastics	Polybutylene terephthalate	2.40E-02	0.3%
Others	Paper	1.90E-02	0.2%
Others	Miscellaneous	4.30E-02	0.5%
Total		8.42E+00	100.0%

Substance Assessment

The representative product is compliant with the EU-RoHS Directive (2011/65/EU) with exemption and the product does contain Lead, Perfluorobutane sulfonic acid (PFBS) and its salts, Diboron Trioxide, lead monoxide and Lead titanium zirconium oxide as Substance-of-Very-High-Concern (SVHC) on the Candidate List of the EU-REACH Regulation (1907/2006/EC).

Additional Environmental Information

Manufacturing	The reference product is assembled at an Eaton plant Sarbi, Romania holding management system certifications according to ISO 14001 standards.
Distribution	Eaton is committed to minimizing weight and volume of product and packaging with focus to optimize transport efficiency.
Installation	The installation process does not require any energy consumption and there is no waste other than the obsolete product packaging generated during this step.
Use	The product requires energy consumption during operation.
End of life	The recyclability rate of the overall product is 66.05% if it is properly dismantled prior to shredding. The rate is calculated based on "ECO'DEEE recyclability and recoverability calculation method" (version V1, 20 Sep. 2008 presented to the French Agency for Environment and Energy Management: ADEME).

Environmental Impacts	
The calculation of the environmental impacts is the result of the Product's Life Cycle Analysis in accordance with ISO 14040/44, covering the entire lifecycle, i.e., "Cradle-to-Grave" including the following life cycle phases: production, distribution, installation, use and end of life. System modelling was carried out using the commercial LCA software EIME v6.2.5 with database version CODDE-2024-04-Updated on 2025-01-29. Indicators Set: PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0	
Manufacturing Phase	The product is assembled as well as packed at Eaton facility Eaton Electro Productie s.r.l, Independentei 8, Sarbi, Romania plant. Energy model used: Romania
Distribution Phase	Distribution of the product in its packaging from the Eaton's last logistics platform to the installation place in Europe is considered as per PCR rules.
Installation Phase	Product is installed in Europe. Installation of product and treatment of packaging waste are considered in this phase. There is no energy consumption for reference product. Energy model used: Europe
Use Phase	Reference lifetime: 20 Years Usage profile: The product has power loss of 178.61 W at full load condition. For Industrial applications considering 50% of the loading rate and 30% of the use time rate, total losses are 1564579.8 kWh over the 20 years. Product do not require any maintenance/replacement during useful life. Industrial application is considered as per PSR-0005 section 3.2.2. Energy model used: Europe
End of life Phase	Product disposed with WEEE guidelines. Energy model used: Europe
Module-D	Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and loads beyond the boundaries of the system and are not to be included in the life cycle totals.

Environmental Impact Indicators: Mandatory

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Climate change – total (GWP)	kg CO2 eq.	8.98E+02	5.51E+01	2.01E+00	1.65E+00	8.27E+02	1.16E+01	-1.87E+01
Climate change - fossil fuels (GWP-f)	kg CO2 eq.	8.95E+02	5.50E+01	2.01E+00	6.91E-01	8.26E+02	1.11E+01	-1.88E+01
Climate change – biogenics (GWP-b)	kg CO2 eq.	3.12E+00	1.10E-01	0.00E+00	9.60E-01	1.52E+00	5.28E-01	9.14E-02
Climate change - land use and land use transformation (GWP-lu)	kg CO2 eq.	1.52E-04	1.43E-04	0.00E+00	0.00E+00	0.00E+00	8.66E-06	-1.28E-04
Ozone depletion (ODP)	kg eq. CFC-11	1.08E-05	6.47E-06	3.08E-09	1.20E-08	4.01E-06	3.52E-07	-2.87E-06
Acidification (AP)	mole of H+ eq.	5.23E+00	8.90E-01	1.27E-02	1.86E-03	4.24E+00	8.83E-02	-4.76E-01
Freshwater eutrophication (EP-fw)	kg P eq.	2.53E-02	6.71E-03	7.53E-07	7.35E-06	2.18E-03	1.64E-02	-9.44E-05
Marine aquatic eutrophication (EP-m)	kg of N eq.	5.85E-01	4.97E-02	5.96E-03	7.98E-04	5.16E-01	1.22E-02	-1.46E-02
Terrestrial eutrophication (EP-t)	mole of N eq.	9.07E+00	5.74E-01	6.54E-02	5.55E-03	8.29E+00	1.29E-01	-1.65E-01
Photochemical ozone formation (POCP)	kg of NMVOC eq.	1.89E+00	2.13E-01	1.65E-02	1.34E-03	1.62E+00	3.64E-02	-7.94E-02
Depletion of abiotic resources – elements (ADPe)	kg eq. Sb	6.36E-02	6.28E-02	7.91E-08	3.21E-08	2.93E-04	5.30E-04	-2.46E-02

Mandatory environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Depletion of abiotic resources - fossil fuels (ADP-f)	MJ	2.30E+04	1.53E+03	2.80E+01	5.72E+00	2.09E+04	5.71E+02	-5.17E+02
Water scarcity (WDP)	m3 of eq.. deprivation worldwide	1.71E+02	5.15E+01	7.63E-03	7.51E-02	6.34E+01	5.63E+01	-2.67E+01

Inventory Flow Indicators: Mandatory

Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Use of renewable primary energy, excluding renewable primary energy resources used as raw materials	MJ	5.60E+03	6.07E+01	3.74E-02	1.71E+00	5.53E+03	1.36E+01	-1.59E+01
Use of renewable primary energy resources used as raw materials	MJ	1.16E+01	1.16E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-7.72E+00
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	5.61E+03	7.23E+01	3.74E-02	1.71E+00	5.53E+03	1.36E+01	-2.36E+01
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	2.29E+04	1.46E+03	2.80E+01	5.72E+00	2.09E+04	5.71E+02	-5.11E+02
Use of non-renewable primary energy resources used as raw materials	MJ	6.72E+01	6.72E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-6.38E+00
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	2.30E+04	1.53E+03	2.80E+01	5.72E+00	2.09E+04	5.71E+02	-5.17E+02
Use of secondary materials	kg	2.20E-06	2.20E-06	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
Net use of fresh water	m3	4.12E+00	1.20E+00	1.78E-04	4.12E-03	1.49E+00	1.43E+00	-6.21E-01
Hazardous waste disposed of	kg	6.99E+02	6.55E+02	0.00E+00	4.29E-02	3.63E+01	7.90E+00	-3.88E+02
Non-hazardous waste disposed of	kg	1.66E+02	2.33E+01	7.05E-02	2.44E-01	1.40E+02	3.06E+00	-5.32E+00
Radioactive waste disposed of	kg	4.82E-02	1.57E-02	5.02E-05	3.57E-05	3.21E-02	3.42E-04	-3.09E-03
Components for re-use	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	8.03E+00	2.41E+00	0.00E+00	4.31E-01	0.00E+00	5.19E+00	-2.64E-07
Materials for energy recovery	kg	2.06E-01	4.47E-03	0.00E+00	7.97E-02	0.00E+00	1.22E-01	0.00E+00

Inventory flow indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Exported energy	MJ by energy vector	3.88E-02	0.00E+00	0.00E+00	3.88E-02	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content of the product	kg of C.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content of the associated packaging	kg of C.	2.72E-01	2.72E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Environmental Impact Indicators: Optional

Optional Environmental impact indicators	Units	Sum	A1-A3 - Manufacturing	A4 - Distribution	A5 - Installation	B6 - Operational energy use	C1-C4 - End of life	D - Benefits and loads beyond the system boundaries
Emission of fine particles	incidence of diseases	4.13E-05	6.65E-06	1.03E-07	1.10E-08	3.41E-05	4.62E-07	-3.50E-06
Ionizing radiation, human health	kBq of U235 eq.	2.23E+03	1.02E+03	4.89E-03	1.82E+01	1.19E+03	1.07E+00	-7.01E+02
Ecotoxicity, fresh water	CTUe	4.04E+03	1.99E+03	1.32E+00	8.07E+00	1.56E+03	4.84E+02	-2.01E+03
Human toxicity, cancer effects	CTUh	8.09E-06	7.91E-06	3.53E-11	5.55E-08	1.04E-07	1.71E-08	-4.49E-06
Human toxicity, non-cancer effects	CTUh	1.36E-05	9.77E-06	6.83E-10	1.79E-09	2.48E-06	1.32E-06	-6.05E-06
Impacts related to land use/soil quality	-	9.22E+01	1.96E+01	0.00E+00	1.81E-03	2.29E+01	4.97E+01	-3.57E-01
Total use of primary energy during the life cycle	MJ	2.86E+04	1.60E+03	2.81E+01	7.43E+00	2.64E+04	5.84E+02	-5.41E+02

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by

Factors for Manufacturing, Distribution, Installation, End-of-Life, and Module-D Phase:

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-191389 (Reference)	NZMH3-4-AX630	All Phase	1.00												
Y7-191387	NZMH3-4-AX400	All Phase	1.00												
Y7-191388	NZMH3-4-AX400/VAR	All Phase	1.00												
Y7-191390	NZMH3-4-AX630/VAR	All Phase	1.00												
Y7-192283	NZMH3-4-PX250/VAR	All Phase	1.00												
Y7-192292	NZMH3-4-PX250/VAR-TAZ	All Phase	1.00												
Y7-192284	NZMH3-4-PX400/VAR	All Phase	1.00												
Y7-192293	NZMH3-4-PX400/VAR-TAZ	All Phase	1.00												
Y7-192285	NZMH3-4-PX630/VAR	All Phase	1.00												
Y7-192294	NZMH3-4-PX630/VAR-TAZ	All Phase	1.00												
Y7-191391	NZMH3-4-VX400	All Phase	1.00												
Y7-191392	NZMH3-4-VX400/VAR	All Phase	1.00												
Y7-191385	NZMH3-4-VX400-T	All Phase	1.00												
Y7-191393	NZMH3-4-VX630	All Phase	1.00												
Y7-191394	NZMH3-4-VX630/VAR	All Phase	1.00												
Y7-191386	NZMH3-4-VX630-T	All Phase	1.00												
Y7-191407	NZML3-4-VX250	All Phase	1.00												
Y7-191411	NZML3-4-VX400	All Phase	1.00												
Y7-191412	NZML3-4-VX400/VAR	All Phase	1.00												
Y7-191486	NZMN3-4-AX400	All Phase	1.00												
Y7-191487	NZMN3-4-AX400/VAR	All Phase	1.00												
Y7-191612	NZMN3-4-AX400-BT	All Phase	1.00												
Y7-191488	NZMN3-4-AX630	All Phase	1.00												
Y7-191489	NZMN3-4-AX630/VAR	All Phase	1.00												
Y7-191613	NZMN3-4-AX630-BT	All Phase	1.00												

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-192277	NZMN3-4-PX250/VAR	All Phase							1.00						
Y7-192286	NZMN3-4-PX250/VAR-TAZ	All Phase							1.00						
Y7-192278	NZMN3-4-PX400/VAR	All Phase							1.00						
Y7-192287	NZMN3-4-PX400/VAR-TAZ	All Phase							1.00						
Y7-192279	NZMN3-4-PX630/VAR	All Phase							1.00						
Y7-192288	NZMN3-4-PX630/VAR-TAZ	All Phase							1.00						
Y7-191490	NZMN3-4-VX400	All Phase							1.00						
Y7-191491	NZMN3-4-VX400/VAR	All Phase							1.00						
Y7-191480	NZMN3-4-VX400-T	All Phase							1.00						
Y7-191492	NZMN3-4-VX630	All Phase							1.00						
Y7-191493	NZMN3-4-VX630/VAR	All Phase							1.00						
Y7-191481	NZMN3-4-VX630-T	All Phase							1.00						
Y7-191517	NZMS3-4-AX400	All Phase							1.00						
Y7-191518	NZMS3-4-AX400/VAR	All Phase							1.00						
Y7-191519	NZMS3-4-AX630	All Phase							1.00						
Y7-191520	NZMS3-4-AX630/VAR	All Phase							1.00						
Y7-192280	NZMS3-4-PX250/VAR	All Phase							1.00						
Y7-192289	NZMS3-4-PX250/VAR-TAZ	All Phase							1.00						
Y7-192281	NZMS3-4-PX400/VAR	All Phase							1.00						
Y7-192290	NZMS3-4-PX400/VAR-TAZ	All Phase							1.00						
Y7-192282	NZMS3-4-PX630/VAR	All Phase							1.00						
Y7-192291	NZMS3-4-PX630/VAR-TAZ	All Phase							1.00						
Y7-191521	NZMS3-4-VX400	All Phase							1.00						
Y7-191522	NZMS3-4-VX400/VAR	All Phase							1.00						

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-191526	NZMS3-4-VX400/VAR-T	All Phase	1.00												
Y7-191525	NZMS3-4-VX400-T	All Phase	1.00												
Y7-191523	NZMS3-4-VX630	All Phase	1.00												
Y7-191524	NZMS3-4-VX630/VAR	All Phase	1.00												
Y7-191528	NZMS3-4-VX630/VAR-T	All Phase	1.00												
Y7-191527	NZMS3-4-VX630-T	All Phase	1.00												
Y7-191346	NZMH3-AX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191562	NZMH3-AX250-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191347	NZMH3-AX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191339	NZMH3-AX400-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191348	NZMH3-AX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191340	NZMH3-AX630-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191352	NZMH3-MX220	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191341	NZMH3-MX220-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191367	NZMH3-MX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191342	NZMH3-MX350-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191368	NZMH3-MX450	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191343	NZMH3-MX450-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-192325	NZMH3-PMX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192326	NZMH3-PMX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192327	NZMH3-PMX450	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192360	NZMH3-PX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192252	NZMH3-PX250-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192261	NZMH3-PX250-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192361	NZMH3-PX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192253	NZMH3-PX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189712	NZMH3-PX400-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192262	NZMH3-PX400-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192362	NZMH3-PX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192254	NZMH3-PX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189713	NZMH3-PX630-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192263	NZMH3-PX630-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191349	NZMH3-VX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191554	NZMH3-VX250-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191350	NZMH3-VX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191557	NZMH3-VX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191344	NZMH3-VX400-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191555	NZMH3-VX400-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191351	NZMH3-VX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191558	NZMH3-VX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191345	NZMH3-VX630-S1	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191556	NZMH3-VX630-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191405	NZML3-MX220	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191406	NZML3-MX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189704	NZML3-PMX220	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189705	NZML3-PMX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189695	NZML3-PX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-189696	NZML3-PX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191403	NZML3-VX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191404	NZML3-VX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191599	NZMN3-AX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191600	NZMN3-AX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-191586	NZMN3-AX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191601	NZMN3-AX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191587	NZMN3-AX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191605	NZMN3-MX220	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191606	NZMN3-MX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191607	NZMN3-MX450	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192322	NZMN3-PMX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192323	NZMN3-PMX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192324	NZMN3-PMX450	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192354	NZMN3-PX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192363	NZMN3-PX250-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192255	NZMN3-PX250-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192355	NZMN3-PX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192364	NZMN3-PX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192256	NZMN3-PX400-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192356	NZMN3-PX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192365	NZMN3-PX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192257	NZMN3-PX630-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191602	NZMN3-VX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191583	NZMN3-VX250-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191603	NZMN3-VX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191588	NZMN3-VX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191584	NZMN3-VX400-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191604	NZMN3-VX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191589	NZMN3-VX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191585	NZMN3-VX630-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192033	NZMS3-AX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191494	NZMS3-AX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191495	NZMS3-AX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191498	NZMS3-MX220	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191499	NZMS3-MX350	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191500	NZMS3-MX450	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192357	NZMS3-PX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192366	NZMS3-PX250-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
Y7-192258	NZMS3-PX250-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192358	NZMS3-PX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192367	NZMS3-PX400-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192259	NZMS3-PX400-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192359	NZMS3-PX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192251	NZMS3-PX630-BT	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192260	NZMS3-PX630-TAZ	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92

Product Number	Description	Phases	GW P	GWP -f	GWP -b	GWP -lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POCP	ADP -e	ADP -f	WD P
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-192037	NZMS3-VX250	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191496	NZMS3-VX400	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191501	NZMS3-VX400-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191497	NZMS3-VX630	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78
Y7-191502	NZMS3-VX630-T	Manufacturing	0.91	0.91	0.19	8.69	0.86	0.74	0.70	0.86	0.85	0.83	0.76	0.85	0.77
		Distribution	0.89												
		Installation	0.92												
		End of Life	0.84	0.85	0.69	1.00	0.74	0.78	0.68	0.85	0.81	0.81	0.68	0.85	0.92
		Module- D	1.04	1.04	0.74	2.00	0.85	0.73	1.68	0.96	0.94	0.86	0.75	0.94	0.78

Multiplying Factors for Use Phase for homogenous products:

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-191389 (Reference)	NZMH3-4-AX630	1.00
Y7-191387	NZMH3-4-AX400	0.40
Y7-191388	NZMH3-4-AX400/VAR	0.40
Y7-191390	NZMH3-4-AX630/VAR	1.00
Y7-192283	NZMH3-4-PX250/VAR	0.16
Y7-192292	NZMH3-4-PX250/VAR-TAZ	0.16
Y7-192284	NZMH3-4-PX400/VAR	0.40
Y7-192293	NZMH3-4-PX400/VAR-TAZ	0.40
Y7-192285	NZMH3-4-PX630/VAR	1.00
Y7-192294	NZMH3-4-PX630/VAR-TAZ	1.00
Y7-191391	NZMH3-4-VX400	0.27
Y7-191392	NZMH3-4-VX400/VAR	0.27
Y7-191385	NZMH3-4-VX400-T	0.27
Y7-191393	NZMH3-4-VX630	0.67
Y7-191394	NZMH3-4-VX630/VAR	0.67
Y7-191386	NZMH3-4-VX630-T	0.67
Y7-191407	NZML3-4-VX250	0.10
Y7-191411	NZML3-4-VX400	0.27
Y7-191412	NZML3-4-VX400/VAR	0.27
Y7-191486	NZMN3-4-AX400	0.40
Y7-191487	NZMN3-4-AX400/VAR	0.40
Y7-191612	NZMN3-4-AX400-BT	0.40
Y7-191488	NZMN3-4-AX630	1.00
Y7-191489	NZMN3-4-AX630/VAR	1.00
Y7-191613	NZMN3-4-AX630-BT	1.00
Y7-192277	NZMN3-4-PX250/VAR	0.16
Y7-192286	NZMN3-4-PX250/VAR-TAZ	0.16
Y7-192278	NZMN3-4-PX400/VAR	0.40

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-192287	NZMN3-4-PX400/VAR-TAZ	0.40
Y7-192279	NZMN3-4-PX630/VAR	1.00
Y7-192288	NZMN3-4-PX630/VAR-TAZ	1.00
Y7-191490	NZMN3-4-VX400	0.27
Y7-191491	NZMN3-4-VX400/VAR	0.27
Y7-191480	NZMN3-4-VX400-T	0.27
Y7-191492	NZMN3-4-VX630	0.67
Y7-191493	NZMN3-4-VX630/VAR	0.67
Y7-191481	NZMN3-4-VX630-T	0.67
Y7-191346	NZMH3-AX250	0.10
Y7-191562	NZMH3-AX250-S1	0.10
Y7-191347	NZMH3-AX400	0.27
Y7-191339	NZMH3-AX400-S1	0.27
Y7-191348	NZMH3-AX630	0.67
Y7-191340	NZMH3-AX630-S1	0.67
Y7-191352	NZMH3-MX220	0.08
Y7-191341	NZMH3-MX220-S1	0.08
Y7-191367	NZMH3-MX350	0.21
Y7-191342	NZMH3-MX350-S1	0.21
Y7-191368	NZMH3-MX450	0.34
Y7-191343	NZMH3-MX450-S1	0.34
Y7-192325	NZMH3-PMX250	0.10
Y7-192326	NZMH3-PMX350	0.21
Y7-192327	NZMH3-PMX450	0.34
Y7-192360	NZMH3-PX250	0.10
Y7-192252	NZMH3-PX250-BT	0.10
Y7-192261	NZMH3-PX250-TAZ	0.10
Y7-192361	NZMH3-PX400	0.27

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-192253	NZMH3-PX400-BT	0.27
Y7-189712	NZMH3-PX400-S1	0.27
Y7-192262	NZMH3-PX400-TAZ	0.27
Y7-192362	NZMH3-PX630	0.67
Y7-192254	NZMH3-PX630-BT	0.67
Y7-189713	NZMH3-PX630-S1	0.67
Y7-192263	NZMH3-PX630-TAZ	0.67
Y7-191349	NZMH3-VX250	0.10
Y7-191554	NZMH3-VX250-T	0.10
Y7-191350	NZMH3-VX400	0.27
Y7-191557	NZMH3-VX400-BT	0.27
Y7-191344	NZMH3-VX400-S1	0.27
Y7-191555	NZMH3-VX400-T	0.27
Y7-191351	NZMH3-VX630	0.67
Y7-191558	NZMH3-VX630-BT	0.67
Y7-191345	NZMH3-VX630-S1	0.67
Y7-191556	NZMH3-VX630-T	0.67
Y7-191405	NZML3-MX220	0.08
Y7-191406	NZML3-MX350	0.21
Y7-189704	NZML3-PMX220	0.08
Y7-189705	NZML3-PMX350	0.21
Y7-189695	NZML3-PX250	0.10
Y7-189696	NZML3-PX400	0.27
Y7-191403	NZML3-VX250	0.10
Y7-191404	NZML3-VX400	0.27
Y7-191599	NZMN3-AX250	0.10
Y7-191600	NZMN3-AX400	0.27
Y7-191586	NZMN3-AX400-BT	0.27

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-191601	NZMN3-AX630	0.67
Y7-191587	NZMN3-AX630-BT	0.67
Y7-191605	NZMN3-MX220	0.08
Y7-191606	NZMN3-MX350	0.21
Y7-191607	NZMN3-MX450	0.34
Y7-192322	NZMN3-PMX250	0.10
Y7-192323	NZMN3-PMX350	0.21
Y7-192324	NZMN3-PMX450	0.34
Y7-192354	NZMN3-PX250	0.10
Y7-192363	NZMN3-PX250-BT	0.10
Y7-192255	NZMN3-PX250-TAZ	0.10
Y7-192355	NZMN3-PX400	0.27
Y7-192364	NZMN3-PX400-BT	0.27
Y7-192256	NZMN3-PX400-TAZ	0.27
Y7-192356	NZMN3-PX630	0.67
Y7-192365	NZMN3-PX630-BT	0.67
Y7-192257	NZMN3-PX630-TAZ	0.67
Y7-191602	NZMN3-VX250	0.10
Y7-191583	NZMN3-VX250-T	0.10
Y7-191603	NZMN3-VX400	0.27
Y7-191588	NZMN3-VX400-BT	0.27
Y7-191584	NZMN3-VX400-T	0.27
Y7-191604	NZMN3-VX630	0.67
Y7-191589	NZMN3-VX630-BT	0.67
Y7-191585	NZMN3-VX630-T	0.67
Y7-192033	NZMS3-AX250	0.10
Y7-191494	NZMS3-AX400	0.27
Y7-191495	NZMS3-AX630	0.67

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-191498	NZMS3-MX220	0.08
Y7-191499	NZMS3-MX350	0.21
Y7-191500	NZMS3-MX450	0.34
Y7-192357	NZMS3-PX250	0.10
Y7-192366	NZMS3-PX250-BT	0.10
Y7-192258	NZMS3-PX250-TAZ	0.10
Y7-192358	NZMS3-PX400	0.27
Y7-192367	NZMS3-PX400-BT	0.27
Y7-192259	NZMS3-PX400-TAZ	0.27
Y7-192359	NZMS3-PX630	0.67
Y7-192251	NZMS3-PX630-BT	0.67
Y7-192260	NZMS3-PX630-TAZ	0.67
Y7-192037	NZMS3-VX250	0.10
Y7-191496	NZMS3-VX400	0.27
Y7-191501	NZMS3-VX400-T	0.27
Y7-191497	NZMS3-VX630	0.67
Y7-191502	NZMS3-VX630-T	0.67
Y7-191517	NZMS3-4-AX400	0.40
Y7-191518	NZMS3-4-AX400/VAR	0.40
Y7-191519	NZMS3-4-AX630	1.00
Y7-191520	NZMS3-4-AX630/VAR	1.00
Y7-192280	NZMS3-4-PX250/VAR	0.16
Y7-192289	NZMS3-4-PX250/VAR-TAZ	0.16
Y7-192281	NZMS3-4-PX400/VAR	0.40
Y7-192290	NZMS3-4-PX400/VAR-TAZ	0.40
Y7-192282	NZMS3-4-PX630/VAR	1.00
Y7-192291	NZMS3-4-PX630/VAR-TAZ	1.00
Y7-191521	NZMS3-4-VX400	0.40

Part Number	Product Description	Use Phase Extrapolation Factors
Y7-191522	NZMS3-4-VX400/VAR	0.40
Y7-191526	NZMS3-4-VX400/VAR-T	0.40
Y7-191525	NZMS3-4-VX400-T	0.40
Y7-191523	NZMS3-4-VX630	1.00
Y7-191524	NZMS3-4-VX630/VAR	1.00
Y7-191528	NZMS3-4-VX630/VAR-T	1.00
Y7-191527	NZMS3-4-VX630-T	1.00

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Verifier accreditation Number	VH56	Supplemented by	PSR-0005-ed3.1-EN-2023 12 08
Date of issue	01-2025	Information and reference documents	www.pep-ecopassport.org
		Validity period	5 years
Independent verification of the declaration and data, in compliance with ISO 14025: 2006			
Internal	X	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 complies with ISO 14025: 2006 « Environmental labels and declarations. Type III environmental declarations »			