



NZM2 Molded Case Circuit Breaker (IEC) with thermo-magnetic Trip Unit, STD Technology and with or without Box Terminals

Representative product	NZMH2-A300 (Y7-107581) Product Category: Circuit Breakers
Description of the product	Eaton Moeller series NZM molded case circuit breaker thermo-magnetic trip unit are designed to provide circuit protection for low-voltage distribution systems. The NZM circuit breakers protect entire systems and cables across all levels, from the main distribution board all the way to the load itself. These switch disconnectors have total 3 poles.
Homogeneous Environmental Families Covered	The PEP concerns following product offerings from Eaton Moeller series NZM molded case circuit breaker thermo-magnetic trip unit as mentioned below: • Series: NZM Circuit Breaker • Switching Capacity: B(Basic), C (Comfort), H (High), N (Normal), S (Strong) • Rated Current: 20, 25, 32, 40, 50, 63, 80, 100, 125, 160, 200, 250, 300 A • Release: A (System protection, thermo-magnetic), M (Motor protection, thermos-magnetic), S (Short-circuit protection / motor protection with overload release, magnetic) • No. of Poles: 3, 4 • Type of Device: S1 (1000 V AC Version) • Type of Terminal: with or without Box Terminal
Functional unit	“Protect the installation from overloads and short circuits in a circuit with rated voltage 690V, rated current 300A, with 3 poles, a rated breaking capacity 20 kA, with 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

Constituent Materials			
Reference product mass	2.58E+00 Kg (With packaging)		
Category PEP Material	Material constituent	Mass (kg)	% Contribution
Metal	Copper	4.68E-01	18.2%
Plastic	Unsaturated Polyester	4.66E-01	18.1%
Metal	Steel	4.55E-01	17.7%
Plastic	Polycarbonate	3.79E-01	14.7%
Metal	Stainless steel	2.45E-01	9.5%
Plastic	Polyamide66 Glass Fiber 30	1.69E-01	6.6%
Plastic	Polyphenylene Sulfide	1.26E-01	4.9%
Other	Cardboard	7.45E-02	2.9%
Other	Pallet	5.00E-02	1.9%
Metal	Ferro nickel	3.43E-02	1.3%
Plastic	Polyamide	3.06E-02	1.2%
Plastic	Polybutylene Terephthalate	1.94E-02	0.8%
Other	Paper	1.90E-02	0.7%
Metal	Silver	1.14E-02	0.4%
Plastic	Glass Fiber	8.30E-03	0.3%
Other	Miscellaneous	2.28E-02	0.9%
Total		2.58E+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 and Perfluoro butane sulfonic acid (PFBS) and its salts as substance listed 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 69.37% 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 v6.2.2 with database version CODDE-2024-04. 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 93 W at full load condition. For Industrial applications considering 50% of the loading rate and 30% of the use time rate, total losses are 1099.82 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 CO ₂ eq.	4.10E+02	1.86E+01	6.14E-01	3.80E-01	3.88E+02	3.20E+00	-8.34E+00
Climate change - fossil fuels (GWP-f)	kg CO ₂ eq.	4.09E+02	1.85E+01	6.14E-01	1.50E-01	3.87E+02	3.11E+00	-8.33E+00
Climate change - biogenics (GWP-b)	kg CO ₂ eq.	1.10E+00	5.98E-02	0.00E+00	2.31E-01	7.13E-01	9.18E-02	-1.11E-02
Climate change - land use and land use transformation (GWP-lu)	kg CO ₂ eq.	5.28E-04	5.26E-04	0.00E+00	0.00E+00	0.00E+00	1.54E-06	-4.81E-04
Ozone depletion (ODP)	kg eq. CFC-11	3.59E-06	1.62E-06	9.43E-10	5.59E-09	1.88E-06	8.62E-08	-8.53E-07
Acidification (AP)	mole of H ⁺ eq.	2.22E+00	2.05E-01	3.90E-03	4.65E-04	1.99E+00	2.04E-02	-1.06E-01

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
Freshwater eutrophication (Ep-fw)	kg P eq.	6.13E-03	2.21E-03	2.31E-07	1.43E-06	1.02E-03	2.90E-03	-3.95E-05
Marine aquatic eutrophication (Ep-m)	kg of N eq.	2.63E-01	1.60E-02	1.83E-03	1.60E-04	2.42E-01	2.64E-03	-6.66E-03
Terrestrial eutrophication (Ep-t)	mole of N eq.	4.12E+00	1.78E-01	2.00E-02	1.23E-03	3.89E+00	3.27E-02	-6.71E-02
Photochemical ozone formation (POCP)	kg of NMVOC eq.	8.38E-01	6.20E-02	5.05E-03	3.12E-04	7.61E-01	9.41E-03	-2.61E-02
Depletion of abiotic resources - elements (ADP-e)	kg eq. Sb	1.73E-02	1.71E-02	2.42E-08	1.13E-08	1.37E-04	9.35E-05	-6.75E-03
Depletion of abiotic resources - fossil fuels (ADP-f)	MJ	1.04E+04	4.65E+02	8.58E+00	1.26E+00	9.79E+03	1.61E+02	-1.58E+02
Water scarcity (WDP)	m³ eq. deprivation worldwide	5.09E+01	1.80E+01	2.34E-03	3.88E-02	2.97E+01	3.22E+00	-9.58E+00

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	2.62E+03	2.12E+01	1.15E-02	8.14E-01	2.59E+03	3.56E+00	-6.91E+00
Use of renewable primary energy resources used as raw materials	MJ	3.32E+00	3.32E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.64E+00
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	2.62E+03	2.45E+01	1.15E-02	8.14E-01	2.59E+03	3.56E+00	-8.55E+00
Use of non-renewable primary energy, excluding non-renewable primary energy resources used as raw materials	MJ	1.04E+04	4.31E+02	8.58E+00	1.26E+00	9.79E+03	1.61E+02	-1.42E+02
Use of non-renewable primary energy resources used as raw materials	MJ	3.38E+01	3.38E+01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	-1.55E+01

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
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	MJ	1.04E+04	4.65E+02	8.58E+00	1.26E+00	9.79E+03	1.61E+02	-1.58E+02
Use of secondary materials	kg	9.74E-04	9.74E-04	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	m ³	1.19E+00	4.19E-01	5.44E-05	1.30E-03	6.98E-01	7.51E-02	-2.23E-01
Hazardous waste disposed of	kg	1.55E+02	1.36E+02	0.00E+00	1.18E-02	1.70E+01	2.46E+00	-8.08E+01
Non-hazardous waste disposed of	kg	7.90E+01	1.22E+01	2.16E-02	6.01E-02	6.55E+01	1.26E+00	-5.60E+00
Radioactive waste disposed of	kg	1.92E-02	3.85E-03	1.54E-05	6.87E-06	1.50E-02	3.54E-04	-2.28E-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	2.86E+00	1.07E+00	0.00E+00	9.57E-02	0.00E+00	1.69E+00	-2.27E-07
Materials for energy recovery	kg	6.53E-02	2.32E-03	0.00E+00	2.58E-02	0.00E+00	3.72E-02	0.00E+00
Exported energy	MJ by energy vector	1.75E-02	0.00E+00	0.00E+00	1.75E-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.	7.77E-02	7.77E-02	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	1.80E-05	1.83E-06	3.17E-08	2.71E-09	1.60E-05	1.16E-07	-9.65E-07
Ionizing radiation, human health	kBq U ²³⁵ eq.	7.57E+02	1.81E+02	1.50E-03	1.81E+01	5.57E+02	5.61E-01	-1.25E+02
Ecotoxicity, fresh water	CTUe	1.50E+03	6.75E+02	4.03E-01	1.53E+00	7.32E+02	8.68E+01	-6.50E+02
Human toxicity, cancer effects	CTUh	3.35E-06	3.28E-06	1.08E-11	9.20E-09	4.87E-08	5.38E-09	-1.91E-06
Human toxicity, non-cancer effects	CTUh	3.49E-06	2.08E-06	2.09E-10	3.64E-10	1.16E-06	2.39E-07	-1.20E-06
Impacts related to land use/soil quality	-	2.72E+01	7.80E+00	0.00E+00	3.94E-04	1.07E+01	8.67E+00	-1.34E+00

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
Total use of primary energy during the life cycle	MJ	1.30E+04	4.89E+02	8.59E+00	2.07E+00	1.24E+04	1.65E+02	-1.66E+02

To evaluate the environmental impact of other product covered by this PEP, multiply the impact figures by-
Factors for Manufacturing, Installation, End-of-Life, and Module-D Phase:

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
Y7-107581	NZMH2-A300 (Reference)	All Phase	1.00												
Y7-259087	NZMB2-A125	All Phase	1.00												
Y7-259088	NZMB2-A160	All Phase	1.00												
Y7-110215	NZMB2-A160-BT	All Phase	1.00												
Y7-259089	NZMB2-A200	All Phase	1.00												
Y7-259090	NZMB2-A250	All Phase	1.00												
Y7-107518	NZMB2-A300	All Phase	1.00												
Y7-110214	NZMB2-A300-BT	All Phase	1.00												
Y7-265715	NZMB2-M125	All Phase	1.00												
Y7-265716	NZMB2-M160	All Phase	1.00												
Y7-265717	NZMB2-M200	All Phase	1.00												
Y7-265736	NZMB2-S125	All Phase	1.00												
Y7-265737	NZMB2-S160	All Phase	1.00												
Y7-265738	NZMB2-S200	All Phase	1.00												
Y7-271420	NZMC2-A125	All Phase	1.00												
Y7-271421	NZMC2-A160	All Phase	1.00												
Y7-110219	NZMC2-A160-BT	All Phase	1.00												
Y7-271422	NZMC2-A200	All Phase	1.00												
Y7-110280	NZMC2-A200-BT	All Phase	1.00												
Y7-271423	NZMC2-A250	All Phase	1.00												
Y7-110281	NZMC2-A250-BT	All Phase	1.00												

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
Y7-107519	NZMC2-A300	All Phase							1.00						
Y7-271424	NZMC2-M125	All Phase							1.00						
Y7-271425	NZMC2-M160	All Phase							1.00						
Y7-271426	NZMC2-M200	All Phase							1.00						
Y7-271427	NZMC2-S125	All Phase							1.00						
Y7-271428	NZMC2-S160	All Phase							1.00						
Y7-271429	NZMC2-S200	All Phase							1.00						
Y7-259099	NZMH2-A100	All Phase							1.00						
Y7-290362	NZMH2-A100-S1	All Phase							1.00						
Y7-259100	NZMH2-A125	All Phase							1.00						
Y7-290363	NZMH2-A125-S1	All Phase							1.00						
Y7-259101	NZMH2-A160	All Phase							1.00						
Y7-290364	NZMH2-A160-S1	All Phase							1.00						
Y7-281281	NZMH2-A20	All Phase							1.00						
Y7-259102	NZMH2-A200	All Phase							1.00						
Y7-290365	NZMH2-A200-S1	All Phase							1.00						
Y7-290355	NZMH2-A20-S1	All Phase							1.00						
Y7-281282	NZMH2-A25	All Phase							1.00						
Y7-259103	NZMH2-A250	All Phase							1.00						
Y7-290366	NZMH2-A250-S1	All Phase							1.00						
Y7-290356	NZMH2-A25-S1	All Phase							1.00						
Y7-107577	NZMH2-A300-S1	All Phase							1.00						
Y7-281283	NZMH2-A32	All Phase							1.00						
Y7-290357	NZMH2-A32-S1	All Phase							1.00						
Y7-259095	NZMH2-A40	All Phase							1.00						
Y7-290358	NZMH2-A40-S1	All Phase							1.00						
Y7-259096	NZMH2-A50	All Phase							1.00						
Y7-290359	NZMH2-A50-S1	All Phase							1.00						
Y7-259097	NZMH2-A63	All Phase							1.00						
Y7-290360	NZMH2-A63-S1	All Phase							1.00						
Y7-259098	NZMH2-A80	All Phase							1.00						

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
Y7-290361	NZMH2-A80-S1	All Phase	1.00												
Y7-281306	NZMH2-M100	All Phase	1.00												
Y7-281307	NZMH2-M125	All Phase	1.00												
Y7-281308	NZMH2-M160	All Phase	1.00												
Y7-281299	NZMH2-M20	All Phase	1.00												
Y7-281309	NZMH2-M200	All Phase	1.00												
Y7-281300	NZMH2-M25	All Phase	1.00												
Y7-281301	NZMH2-M32	All Phase	1.00												
Y7-281302	NZMH2-M40	All Phase	1.00												
Y7-281303	NZMH2-M50	All Phase	1.00												
Y7-281304	NZMH2-M63	All Phase	1.00												
Y7-281305	NZMH2-M80	All Phase	1.00												
Y7-265746	NZMH2-S100	All Phase	1.00												
Y7-265747	NZMH2-S125	All Phase	1.00												
Y7-265748	NZMH2-S160	All Phase	1.00												
Y7-265749	NZMH2-S200	All Phase	1.00												
Y7-265742	NZMH2-S40	All Phase	1.00												
Y7-265743	NZMH2-S50	All Phase	1.00												
Y7-265744	NZMH2-S63	All Phase	1.00												
Y7-265745	NZMH2-S80	All Phase	1.00												
Y7-259091	NZMN2-A125	All Phase	1.00												
Y7-259092	NZMN2-A160	All Phase	1.00												
Y7-259093	NZMN2-A200	All Phase	1.00												
Y7-191233	NZMN2-A200-S07-DC	All Phase	1.00												
Y7-259094	NZMN2-A250	All Phase	1.00												
Y7-107580	NZMN2-A300	All Phase	1.00												
Y7-265723	NZMN2-M125	All Phase	1.00												
Y7-265724	NZMN2-M160	All Phase	1.00												
Y7-265725	NZMN2-M200	All Phase	1.00												
Y7-265739	NZMN2-S125	All Phase	1.00												

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
Y7-265740	NZMN2-S160	All Phase	1.00												
Y7-265741	NZMN2-S200	All Phase	1.00												
Y7-109962	NZMS2-A100	All Phase	1.00												
Y7-109963	NZMS2-A125	All Phase	1.00												
Y7-109964	NZMS2-A160	All Phase	1.00												
Y7-192020	NZMS2-A20	All Phase	1.00												
Y7-109965	NZMS2-A200	All Phase	1.00												
Y7-109966	NZMS2-A250	All Phase	1.00												
Y7-109967	NZMS2-A300	All Phase	1.00												
Y7-192022	NZMS2-A32	All Phase	1.00												
Y7-109958	NZMS2-A40	All Phase	1.00												
Y7-109959	NZMS2-A50	All Phase	1.00												
Y7-109960	NZMS2-A63	All Phase	1.00												
Y7-109961	NZMS2-A80	All Phase	1.00												
Y7-109975	NZMS2-M100	All Phase	1.00												
Y7-109976	NZMS2-M125	All Phase	1.00												
Y7-109977	NZMS2-M160	All Phase	1.00												
Y7-109968	NZMS2-M20	All Phase	1.00												
Y7-109978	NZMS2-M200	All Phase	1.00												
Y7-109969	NZMS2-M25	All Phase	1.00												
Y7-109970	NZMS2-M32	All Phase	1.00												
Y7-109971	NZMS2-M40	All Phase	1.00												
Y7-109972	NZMS2-M50	All Phase	1.00												
Y7-109973	NZMS2-M63	All Phase	1.00												
Y7-109974	NZMS2-M80	All Phase	1.00												
Y7-109979	NZMS2-S125	All Phase	1.00												
Y7-109980	NZMS2-S160	All Phase	1.00												
Y7-109981	NZMS2-S200	All Phase	1.00												
Y7-110216	NZMB2-A200-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110217	NZMB2-A250-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-174616	NZMC2-A125-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110218	NZMC2-A300-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110291	NZMH2-A100-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110292	NZMH2-A125-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110293	NZMH2-A160-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110294	NZMH2-A200-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110296	NZMH2-A20-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP -e	ADP -f	WDP
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110295	NZMH2-A250-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110297	NZMH2-A25-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110286	NZMH2-A300-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110298	NZMH2-A32-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110287	NZMH2-A40-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110288	NZMH2-A50-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110289	NZMH2-A63-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110290	NZMH2-A80-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-174617	NZMN2-A125-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110283	NZMN2-A160-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110284	NZMN2-A200-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110285	NZMN2-A250-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-110282	NZMN2-A300-BT	Manufacturing	1.16	1.16	1.41	1.31	1.25	1.23	0.73	1.19	1.18	1.20	1.33	1.04	1.17
		Installation	1.10	1.11	1.10	1.00	1.03	1.08	1.12	1.13	1.10	1.09	1.05	1.10	1.03
		End of Life	1.25	1.25	1.33	1.33	1.28	1.28	1.33	1.25	1.26	1.25	1.33	1.24	1.31
		Module-D	1.25	1.25	3.81	1.31	1.29	1.31	1.26	1.25	1.26	1.27	1.33	1.26	1.23
Y7-265847	NZMB2-4-A125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265849	NZMB2-4-A160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
Y7-265850	NZMB2-4-A160/100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265852	NZMB2-4-A200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265853	NZMB2-4-A200/125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265855	NZMB2-4-A250	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265856	NZMB2-4-A250/160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107582	NZMB2-4-A300	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107583	NZMB2-4-A300/200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271430	NZMC2-4-A125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271432	NZMC2-4-A160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271433	NZMC2-4-A160/100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271435	NZMC2-4-A200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271436	NZMC2-4-A200/125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271438	NZMC2-4-A250	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-271439	NZMC2-4-A250/160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107584	NZMC2-4-A300	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107585	NZMC2-4-A300/200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265831	NZMH2-4-A100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265833	NZMH2-4-A125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265871	NZMH2-4-A160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265872	NZMH2-4-A160/100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-281287	NZMH2-4-A20	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265874	NZMH2-4-A200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265875	NZMH2-4-A200/125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-281289	NZMH2-4-A25	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265877	NZMH2-4-A250	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265878	NZMH2-4-A250/160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107588	NZMH2-4-A300	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107589	NZMH2-4-A300/200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-281291	NZMH2-4-A32	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265823	NZMH2-4-A40	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265825	NZMH2-4-A50	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
Y7-265827	NZMH2-4-A63	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265829	NZMH2-4-A80	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-115260	NZMB2-M125-BT	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265858	NZMN2-4-A125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265860	NZMN2-4-A160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265861	NZMN2-4-A160/100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265863	NZMN2-4-A200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265864	NZMN2-4-A200/125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265866	NZMN2-4-A250	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-265867	NZMN2-4-A250/160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107586	NZMN2-4-A300	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-107587	NZMN2-4-A300/200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109988	NZMS2-4-A125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109989	NZMS2-4-A160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109990	NZMS2-4-A160/100	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109991	NZMS2-4-A200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00

Product Number	Description	Phases	GWP	GWP-f	GWP-b	GWP-lu	ODP	AP	Ep-fw	Ep-m	Ep-t	POC P	ADP-e	ADP-f	WDP
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109992	NZMS2-4-A200/125	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109993	NZMS2-4-A250	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-109994	NZMS2-4-A250/160	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-110205	NZMS2-4-A300	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03
Y7-110206	NZMS2-4-A300/200	Manufacturing	1.16	1.16	0.46	1.30	0.97	0.98	0.50	1.16	1.16	1.14	0.99	1.24	0.97
		Installation	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
		End of Life	1.33	1.35	0.88	0.88	1.29	1.20	0.88	1.24	1.20	1.27	0.88	1.48	1.05
		Module-D	1.27	1.27	1.56	1.30	0.97	1.02	0.94	1.26	1.29	1.23	0.99	1.58	1.03

Multiplying Factors for Use Phase and Distribution phase for homogenous products:

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-107581	NZMH2-A300 (Reference)	1.00	1.00
Y7-265847	NZMB2-4-A125	0.32	1.14
Y7-265849	NZMB2-4-A160	0.46	1.14
Y7-265850	NZMB2-4-A160/100	0.46	1.14

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-265852	NZMB2-4-A200	0.57	1.14
Y7-265853	NZMB2-4-A200/125	0.57	1.14
Y7-265855	NZMB2-4-A250	0.69	1.14
Y7-265856	NZMB2-4-A250/160	0.69	1.14
Y7-107582	NZMB2-4-A300	1.00	1.14
Y7-107583	NZMB2-4-A300/200	1.00	1.14
Y7-271430	NZMC2-4-A125	0.32	1.14
Y7-271432	NZMC2-4-A160	0.46	1.14
Y7-271433	NZMC2-4-A160/100	0.46	1.14
Y7-271435	NZMC2-4-A200	0.57	1.14
Y7-271436	NZMC2-4-A200/125	0.57	1.14
Y7-271438	NZMC2-4-A250	0.69	1.14
Y7-271439	NZMC2-4-A250/160	0.69	1.14
Y7-107584	NZMC2-4-A300	1.00	1.14
Y7-107585	NZMC2-4-A300/200	1.00	1.14
Y7-265831	NZMH2-4-A100	0.31	1.14
Y7-265833	NZMH2-4-A125	0.32	1.14
Y7-265871	NZMH2-4-A160	0.46	1.14
Y7-265872	NZMH2-4-A160/100	0.46	1.14
Y7-281287	NZMH2-4-A20	0.06	1.14
Y7-265874	NZMH2-4-A200	0.57	1.14
Y7-265875	NZMH2-4-A200/125	0.57	1.14
Y7-281289	NZMH2-4-A25	0.10	1.14
Y7-265877	NZMH2-4-A250	0.69	1.14
Y7-265878	NZMH2-4-A250/160	0.69	1.14
Y7-107588	NZMH2-4-A300	1.00	1.14
Y7-107589	NZMH2-4-A300/200	1.00	1.14
Y7-281291	NZMH2-4-A32	0.12	1.14
Y7-265823	NZMH2-4-A40	0.16	1.14
Y7-265825	NZMH2-4-A50	0.20	1.14

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-265827	NZMH2-4-A63	0.24	1.14
Y7-265829	NZMH2-4-A80	0.25	1.14
Y7-259087	NZMB2-A125	0.32	1.00
Y7-259088	NZMB2-A160	0.46	1.00
Y7-110215	NZMB2-A160-BT	0.46	1.00
Y7-259089	NZMB2-A200	0.57	1.00
Y7-110216	NZMB2-A200-BT	0.57	1.17
Y7-259090	NZMB2-A250	0.69	1.00
Y7-110217	NZMB2-A250-BT	0.69	1.17
Y7-107518	NZMB2-A300	1.00	1.00
Y7-110214	NZMB2-A300-BT	1.00	1.00
Y7-265715	NZMB2-M125	0.32	1.00
Y7-115260	NZMB2-M125-BT	0.32	1.14
Y7-265716	NZMB2-M160	0.46	1.00
Y7-265717	NZMB2-M200	0.57	1.00
Y7-265736	NZMB2-S125	0.32	1.00
Y7-265737	NZMB2-S160	0.46	1.00
Y7-265738	NZMB2-S200	0.57	1.00
Y7-271420	NZMC2-A125	0.32	1.00
Y7-174616	NZMC2-A125-BT	0.32	1.17
Y7-271421	NZMC2-A160	0.46	1.00
Y7-110219	NZMC2-A160-BT	0.46	1.00
Y7-271422	NZMC2-A200	0.57	1.00
Y7-110280	NZMC2-A200-BT	0.57	1.00
Y7-271423	NZMC2-A250	0.69	1.00
Y7-110281	NZMC2-A250-BT	0.69	1.00
Y7-107519	NZMC2-A300	1.00	1.00
Y7-110218	NZMC2-A300-BT	1.00	1.17
Y7-271424	NZMC2-M125	0.32	1.00
Y7-271425	NZMC2-M160	0.46	1.00

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-271426	NZMC2-M200	0.57	1.00
Y7-271427	NZMC2-S125	0.32	1.00
Y7-271428	NZMC2-S160	0.46	1.00
Y7-271429	NZMC2-S200	0.57	1.00
Y7-259099	NZMH2-A100	0.31	1.00
Y7-110291	NZMH2-A100-BT	0.31	1.17
Y7-290362	NZMH2-A100-S1	0.31	1.00
Y7-259100	NZMH2-A125	0.32	1.00
Y7-110292	NZMH2-A125-BT	0.32	1.17
Y7-290363	NZMH2-A125-S1	0.32	1.00
Y7-259101	NZMH2-A160	0.46	1.00
Y7-110293	NZMH2-A160-BT	0.46	1.17
Y7-290364	NZMH2-A160-S1	0.46	1.00
Y7-281281	NZMH2-A20	0.06	1.00
Y7-259102	NZMH2-A200	0.57	1.00
Y7-110294	NZMH2-A200-BT	0.57	1.17
Y7-290365	NZMH2-A200-S1	0.57	1.00
Y7-110296	NZMH2-A20-BT	0.06	1.17
Y7-290355	NZMH2-A20-S1	0.06	1.00
Y7-281282	NZMH2-A25	0.10	1.00
Y7-259103	NZMH2-A250	0.69	1.00
Y7-110295	NZMH2-A250-BT	0.69	1.17
Y7-290366	NZMH2-A250-S1	0.69	1.00
Y7-110297	NZMH2-A25-BT	0.10	1.17
Y7-290356	NZMH2-A25-S1	0.10	1.00
Y7-110286	NZMH2-A300-BT	1.00	1.17
Y7-107577	NZMH2-A300-S1	1.00	1.00
Y7-281283	NZMH2-A32	0.12	1.00
Y7-110298	NZMH2-A32-BT	0.12	1.17
Y7-290357	NZMH2-A32-S1	0.12	1.00

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-259095	NZMH2-A40	0.16	1.00
Y7-110287	NZMH2-A40-BT	0.16	1.17
Y7-290358	NZMH2-A40-S1	0.16	1.00
Y7-259096	NZMH2-A50	0.20	1.00
Y7-110288	NZMH2-A50-BT	0.20	1.17
Y7-290359	NZMH2-A50-S1	0.20	1.00
Y7-259097	NZMH2-A63	0.24	1.00
Y7-110289	NZMH2-A63-BT	0.24	1.17
Y7-290360	NZMH2-A63-S1	0.24	1.00
Y7-259098	NZMH2-A80	0.25	1.00
Y7-110290	NZMH2-A80-BT	0.25	1.17
Y7-290361	NZMH2-A80-S1	0.25	1.00
Y7-281306	NZMH2-M100	0.31	1.00
Y7-281307	NZMH2-M125	0.32	1.00
Y7-281308	NZMH2-M160	0.46	1.00
Y7-281299	NZMH2-M20	0.06	1.00
Y7-281309	NZMH2-M200	0.57	1.00
Y7-281300	NZMH2-M25	0.10	1.00
Y7-281301	NZMH2-M32	0.12	1.00
Y7-281302	NZMH2-M40	0.16	1.00
Y7-281303	NZMH2-M50	0.20	1.00
Y7-281304	NZMH2-M63	0.24	1.00
Y7-281305	NZMH2-M80	0.25	1.00
Y7-265746	NZMH2-S100	0.31	1.00
Y7-265747	NZMH2-S125	0.32	1.00
Y7-265748	NZMH2-S160	0.46	1.00
Y7-265749	NZMH2-S200	0.57	1.00
Y7-265742	NZMH2-S40	0.16	1.00
Y7-265743	NZMH2-S50	0.20	1.00
Y7-265744	NZMH2-S63	0.24	1.00

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-265745	NZMH2-S80	0.25	1.00
Y7-259091	NZMN2-A125	0.32	1.00
Y7-174617	NZMN2-A125-BT	0.32	1.17
Y7-259092	NZMN2-A160	0.46	1.00
Y7-110283	NZMN2-A160-BT	0.46	1.17
Y7-259093	NZMN2-A200	0.57	1.00
Y7-110284	NZMN2-A200-BT	0.57	1.17
Y7-191233	NZMN2-A200-S07-DC	0.57	1.00
Y7-259094	NZMN2-A250	0.69	1.00
Y7-110285	NZMN2-A250-BT	0.69	1.17
Y7-107580	NZMN2-A300	1.00	1.00
Y7-110282	NZMN2-A300-BT	1.00	1.17
Y7-265723	NZMN2-M125	0.32	1.00
Y7-265724	NZMN2-M160	0.46	1.00
Y7-265725	NZMN2-M200	0.57	1.00
Y7-265739	NZMN2-S125	0.32	1.00
Y7-265740	NZMN2-S160	0.46	1.00
Y7-265741	NZMN2-S200	0.57	1.00
Y7-109962	NZMS2-A100	0.31	1.00
Y7-109963	NZMS2-A125	0.32	1.00
Y7-109964	NZMS2-A160	0.46	1.00
Y7-192020	NZMS2-A20	0.06	1.00
Y7-109965	NZMS2-A200	0.57	1.00
Y7-109966	NZMS2-A250	0.69	1.00
Y7-109967	NZMS2-A300	1.00	1.00
Y7-192022	NZMS2-A32	0.12	1.00
Y7-109958	NZMS2-A40	0.16	1.00
Y7-109959	NZMS2-A50	0.20	1.00
Y7-109960	NZMS2-A63	0.24	1.00
Y7-109961	NZMS2-A80	0.25	1.00

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-109975	NZMS2-M100	0.31	1.00
Y7-109976	NZMS2-M125	0.32	1.00
Y7-109977	NZMS2-M160	0.46	1.00
Y7-109968	NZMS2-M20	0.06	1.00
Y7-109978	NZMS2-M200	0.57	1.00
Y7-109969	NZMS2-M25	0.10	1.00
Y7-109970	NZMS2-M32	0.12	1.00
Y7-109971	NZMS2-M40	0.16	1.00
Y7-109972	NZMS2-M50	0.20	1.00
Y7-109973	NZMS2-M63	0.24	1.00
Y7-109974	NZMS2-M80	0.25	1.00
Y7-109979	NZMS2-S125	0.32	1.00
Y7-109980	NZMS2-S160	0.46	1.00
Y7-109981	NZMS2-S200	0.57	1.00
Y7-265858	NZMN2-4-A125	0.32	1.14
Y7-265860	NZMN2-4-A160	0.46	1.14
Y7-265861	NZMN2-4-A160/100	0.46	1.14
Y7-265863	NZMN2-4-A200	0.57	1.14
Y7-265864	NZMN2-4-A200/125	0.57	1.14
Y7-265866	NZMN2-4-A250	0.69	1.14
Y7-265867	NZMN2-4-A250/160	0.69	1.14
Y7-107586	NZMN2-4-A300	1.00	1.14
Y7-107587	NZMN2-4-A300/200	1.00	1.14
Y7-109988	NZMS2-4-A125	0.32	1.14
Y7-109989	NZMS2-4-A160	0.46	1.14
Y7-109990	NZMS2-4-A160/100	0.46	1.14
Y7-109991	NZMS2-4-A200	0.57	1.14
Y7-109992	NZMS2-4-A200/125	0.57	1.14
Y7-109993	NZMS2-4-A250	0.69	1.14
Y7-109994	NZMS2-4-A250/160	0.69	1.14

Product Number	Product Description	Use Phase Extrapolation Factors	Distribution Phase Extrapolation Factors
Y7-110205	NZMS2-4-A300	1.00	1.14
Y7-110206	NZMS2-4-A300/200	1.00	1.14

Disclaimer

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Registration Number	EATO-00207-V01.01-EN	Drafting rules	PCR-ed4-EN-2021 09 06
Verifier accreditation Number	VH53	Supplemented by	PSR-0005-ed3.1-EN-2023 12 08
Date of issue	09-2024	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: 2010 « Environmental labels and declarations. Type III environmental declarations »			