

	GWP (green-house potential)	Ozone depletion potential	Acidification potential	Eutrophication potential	Photo-chemical oxidation potential	Abiotic depletion - elements	Abiotic depletion - fossil	Primary energy not renewable	Primary energy renewable	Freshwater consumption
	(GWP 100)	(ODP)	(AP)	(EP)	(POCP)	(ADP _{el})	(ADP _{foss})	(PE _{n reg})	(PE _{reg})	(H ₂ O)
	kg CO ₂ -equivalent	kg R11-equivalent	kg SO ₂ -equivalent	kg PO ₄ ³⁻	kg C ₂ H ₄ -equivalent	kg Sb-equivalent	MJ	MJ	MJ	m ³
Control Units										
7300 2A	4,31E+01	6,03E-06	3,85E+02	3,48E+01	2,46E+01	6,07E-02	4,65E+02	5,89E+02	1,36E+02	2,12E+01
7300 5A	4,31E+01	6,03E-06	3,85E+02	3,48E+01	2,46E+01	6,07E-02	4,65E+02	5,89E+02	1,36E+02	2,12E+01
7300 10A	1,72E+02	2,41E-05	1,54E+03	1,39E+02	9,84E+01	2,43E-01	1,86E+03	2,36E+03	5,44E+02	8,49E+01
7300 20A	3,45E+02	4,82E-05	3,08E+03	2,79E+02	1,97E+02	4,86E-01	3,72E+03	4,71E+03	1,09E+03	1,70E+02
8000+ 5A	8,62E+01	1,21E-05	7,71E+02	6,97E+01	4,92E+01	1,21E-01	9,30E+02	1,18E+03	2,72E+02	4,25E+01
8000+ 10A	1,72E+02	2,41E-05	1,54E+03	1,39E+02	9,84E+01	2,43E-01	1,86E+03	2,36E+03	5,44E+02	8,49E+01
8000+ 24A	4,14E+02	5,79E-05	3,70E+03	3,35E+02	2,36E+02	5,83E-01	4,47E+03	5,66E+03	1,30E+03	2,04E+02
8000+ 48A	8,27E+02	1,16E-04	7,40E+03	6,69E+02	4,72E+02	1,17E+00	8,93E+03	1,13E+04	2,61E+03	4,08E+02
8000+ 72A	1,24E+03	1,74E-04	1,11E+04	1,00E+03	7,09E+02	1,75E+00	1,34E+04	1,70E+04	3,91E+03	6,11E+02
LZ1	4,31E+01	6,03E-06	3,85E+02	3,48E+01	2,46E+01	6,07E-02	4,65E+02	5,89E+02	1,36E+02	2,12E+01
LZ6 24	4,14E+02	5,79E-05	3,70E+03	3,35E+02	2,36E+02	5,83E-01	4,47E+03	5,66E+03	1,30E+03	2,04E+02
LZ6 30	5,17E+02	7,23E-05	4,62E+03	4,18E+02	2,95E+02	7,28E-01	5,58E+03	7,07E+03	1,63E+03	2,55E+02
controllers										
NT-T2,5	4,31E+01	6,03E-06	3,85E+02	3,48E+01	2,46E+01	6,07E-02	4,65E+02	5,89E+02	1,36E+02	2,12E+01
NT-S 6,5	1,12E+02	1,57E-05	1,00E+03	9,06E+01	6,40E+01	1,58E-01	1,21E+03	1,53E+03	3,53E+02	5,52E+01
HSE	7,18E-02	1,00E-08	6,42E-01	5,81E-02	4,10E-02	1,01E-04	7,75E-01	9,82E-01	2,27E-01	3,54E-02
WR-Set7x/8x	1,44E-01	2,01E-08	1,28E+00	1,16E-01	8,20E-02	2,02E-04	1,55E+00	1,96E+00	4,53E-01	7,08E-02
RS TIII 24	1,08E-01	1,51E-08	9,63E-01	8,71E-02	6,15E-02	1,52E-04	1,16E+00	1,47E+00	3,40E-01	5,31E-02
RS TIII 230	1,08E+00	1,51E-07	9,63E+00	8,71E-01	6,15E-01	1,52E-03	1,16E+01	1,47E+01	3,40E+00	5,31E-01
WRAG2	3,59E-01	5,02E-08	3,21E+00	2,90E-01	2,05E-01	5,06E-04	3,88E+00	4,91E+00	1,13E+00	1,77E-01
WRA TypIV	7,18E-01	1,00E-07	6,42E+00	5,81E-01	410E-01	1,01E-03	7,75E+00	9,82E+00	2,27E+00	3,54E-01
WR-ST IV	1,44E+00	2,01E-07	1,28E+01	1,16E+00	8,20E-01	2,02E-03	1,55E+01	1,96E+01	4,53E+00	7,08E-01

Declaration code: M-EPD-SVR-GB-101
Programme operator: ift Rosenheim GmbH
 Theodor-Gietl-Str. 7-9,
 83026 Rosenheim, Germany
LCA prepared by: Life Cycle Engineering Experts
 Berliner Allee 58,
 64295 Darmstadt, Germany
Declaration holder: AUMÜLLER AUMATIC GmbH.

The declaration is based on the PCR (Product Category Rules) document „Building Components for Smoke and Heat Control Systems“ No. PCR-RW-1.1:2013.

LCA calculations were based on the „cradle to grave“ life cycle including all upstream processes (e.g. raw material extraction, etc.).

The reference service life has been specified to 25 years. The calculation of the life cycle scenarios is based on a service life of **50 years** per electrical device.

The life cycle was modelled using the sustainability software tool „GaBi6“ for the development of Life Cycle Assessments. For the consideration of the impact categories the characterisation factors of the ELCD (European Reference Life Cycle Database) were used.

In accordance with the REACH candidate list, no substances of very high concern are contained.