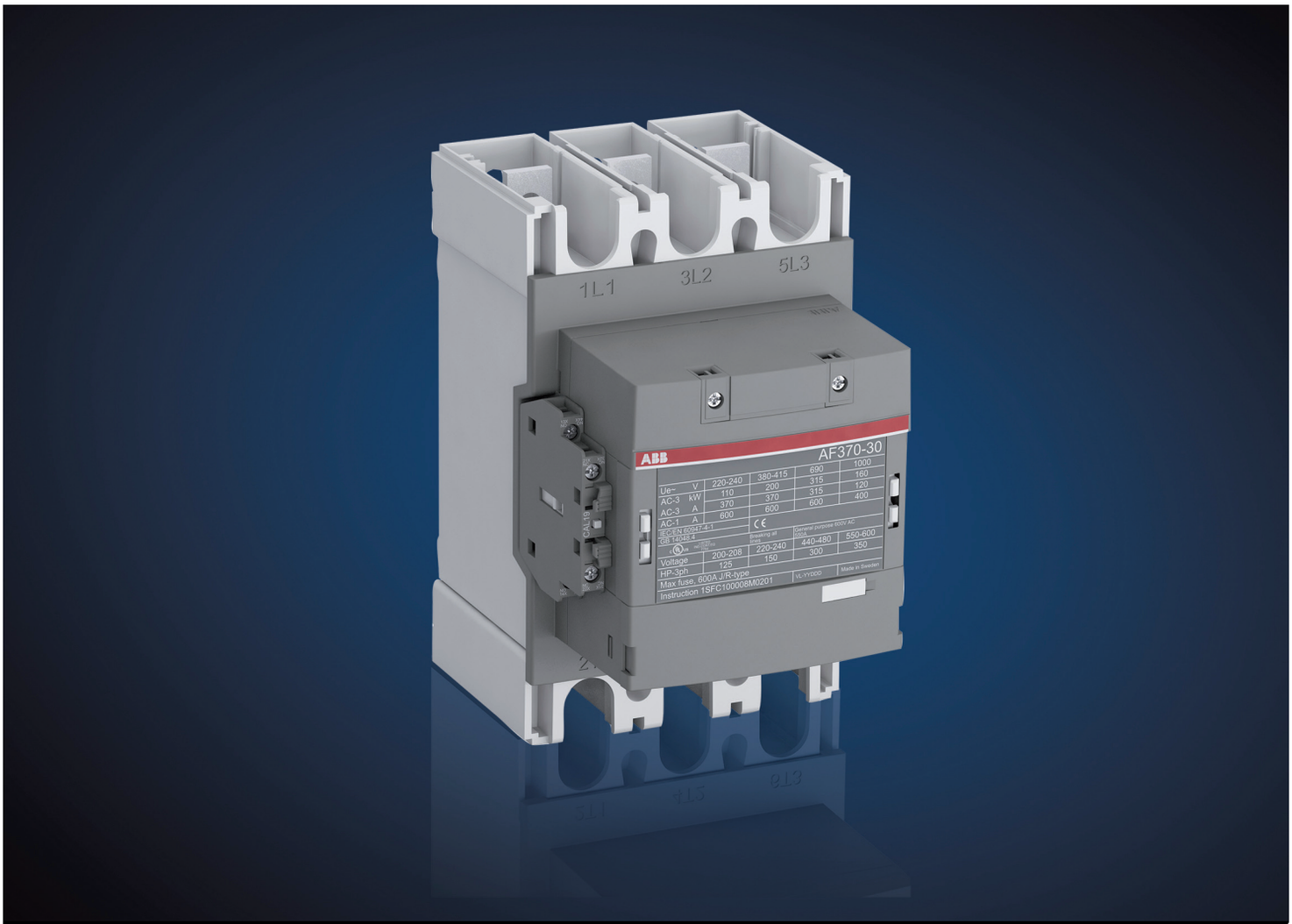
ABB AF265 AF370 Contactors datasheet

http://www.manuallib.com/abb/af265-af370-contactors-datasheet.html

The AF265 AF370 family is made to respond successfully to all plant engineering requirements, from the standard ones to the most technologically advanced ones.



Technical documentation | October 2013

Environmental product information
Contactors type AF265 ... AF370

Power and productivity
for a better world™

General

The AF265 ... AF370 family is made to respond successfully to all plant engineering requirements, from the standard ones to the most technologically advanced ones.

Date published: 2013-09-21
The AF265 ... AF370 product family is manufactured in Sweden.
The manufacturing site is certified according to ISO 9001:2008, IRIS:2009, ISO 14001:2004, OHSAS 18001:2007 and SA 8000:2008.

Product Conformity & Compliance

Regulation EC 1907/2006 (REACH)
- AF265 ... AF370 does not contain any substances of very high concern as listed in “the Candidate list” provided by the European Chemical Agency, ECHA, according to the European REACH-regulation. Number of substances on the Candidate List: 144 (last updated: 20 June 2013)

Directive 2011/65/EU (RoHS) (former 2002/95/EC)
- According to our current best knowledge, the AF265 ... AF370 product is compliant with the European RoHS Directive 2011/65/EU therefore does not contain any restricted substances exceeding the limitations in the directive. Restricted substances referred to in Article 4(1) and maximum concentration values tolerated by weight in homogeneous materials Lead (0,1 %) ,Mercury (0,1 %),Cadmium (0,01 %), Hexavalent chromium (0,1 %), Polybrominated biphenyls (PBB) (0,1 %), Polybrominated diphenyl ethers (PBDE) (0,1 %). Harmonized standard EN 50581:2012

Directive 94/62/EC (Packaging and waste packaging)

Product Safety

Conformity assessment with the product Standards is carried out by third party tests laboratory (accredited by Swedac) in respect of the EN ISO/IEC 17025 European Standard, by the Swedish certification body Intertek Semko AB according to IECEE CB Scheme and CB Certificate has been issued.

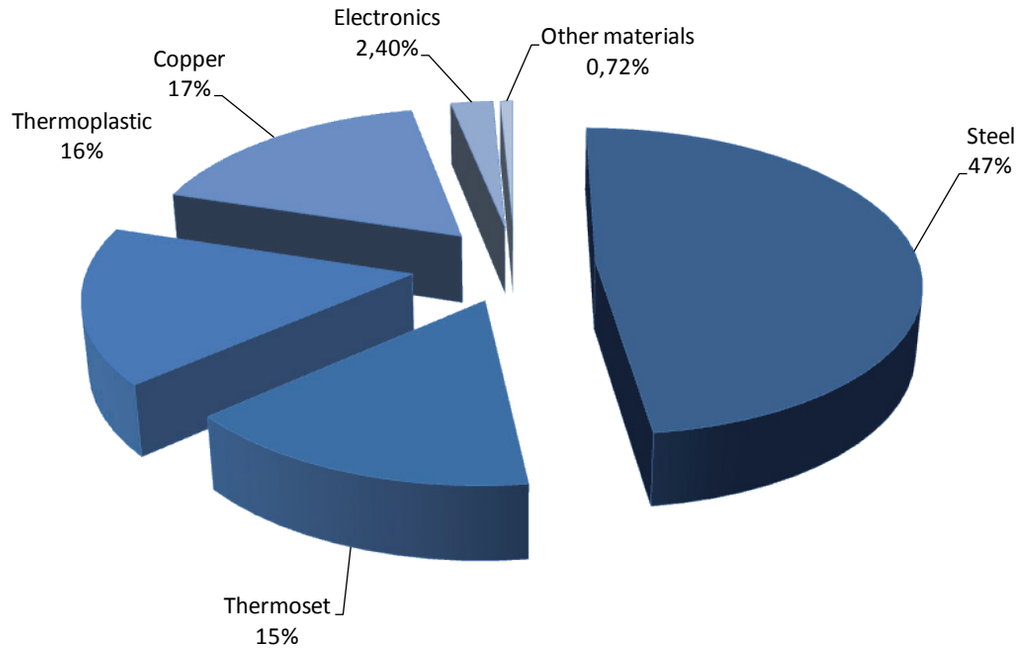
Standard:
- EN 60947-4-1; UL 60947-4-1

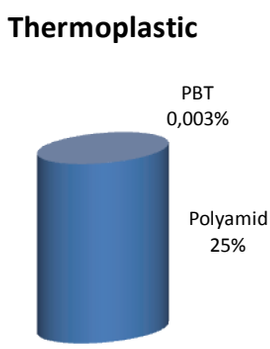
EU Directives:
- Directive 2006/95/EC relating to Electrical Equipment designed for use within certain voltage limits. (OJ L 374 of 27 December 2006)
- Directive 2004/108/EC relating to electromagnetic compatibility and repealing Directive 89/336/EEC. (OJ L 390 of 31 December 2004)

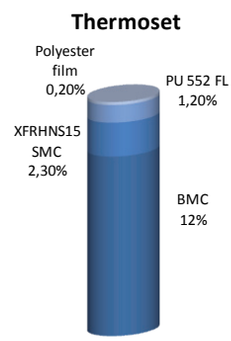
Certifications

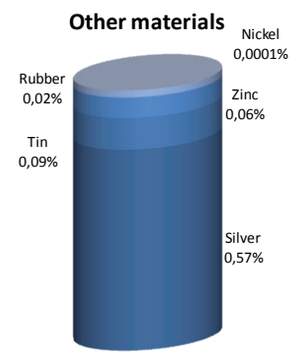
Product Composition

The chart below shows the constituents of AF265 ... AF370. The total weight of the product is 5952 gr excluding packaging.
(All materials ≥ 1 wt%, in accordance with IEC 62474 IEC)







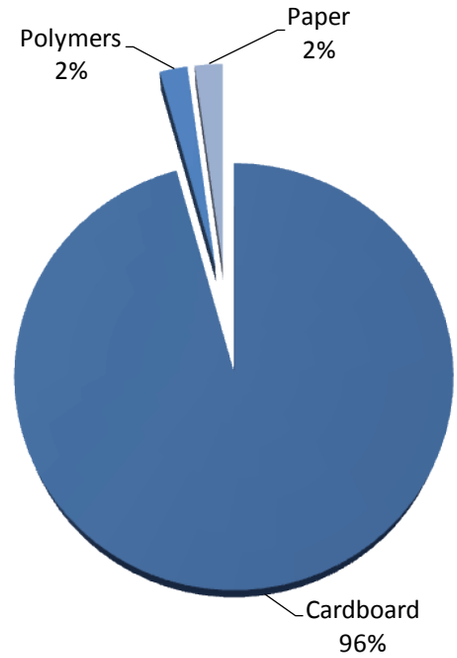


Constituent substances

Constituent materials	Constituent substances	Weight %	Cas no / EG no
BMC melamine	Melamine Cyanurate	6,5%	37640-57-6
Polyamid 66h2 G-25-voct1	Zinkborat	1,26%	1332-07-6
	Antimontrioxid		1309-64-4
Polyamid Pa6h2 G-20-v2hf	Melamine cyanurate	1,2%	37640-57-6
Polyamid Pa6h2 G-20-v2hf	Melamine cyanurate	1,5%	37640-57-6
Polyamid Pa6h2 G-20-v2hf	Melamine cyanurate	0,6%	37640-57-6

Packaging

The total weight for AF265 ... AF370 packaging material is 288 grams. The chart provides information for each packaging material used.
The cardboard box and the paper used for the product manual are made of recycled fibers and are 100% recyclable.
The polymer films used are marked with the proper identification code and are recyclable.



Product Use

Standarized usage scenario: 3500 h per year, 20 years, 80 % load (prEN50598-3)
Losses 27 W/pole at Ie/AC3 307 A +Coil holding 17,5 VA= 98,5 W
Rated operational power 200 kW

AF 370

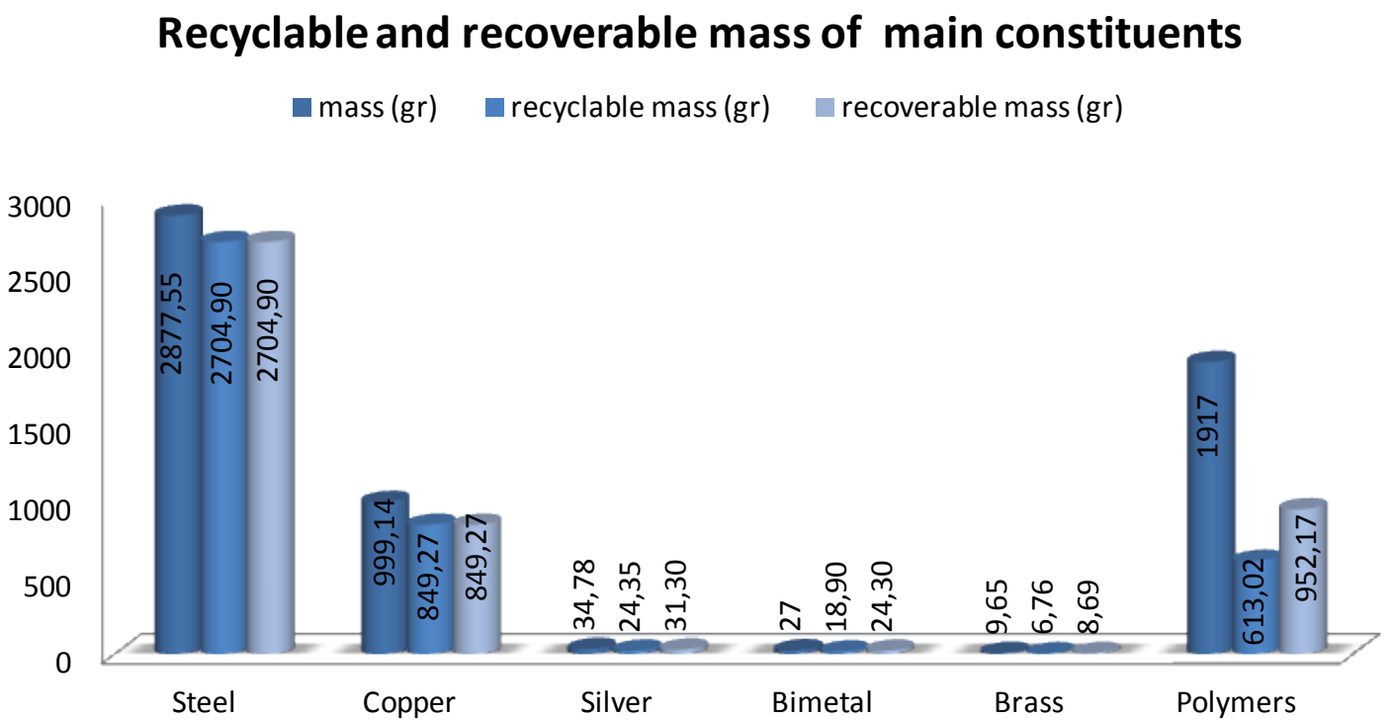
5500 kWh
Power loss less than
0,05%

energy

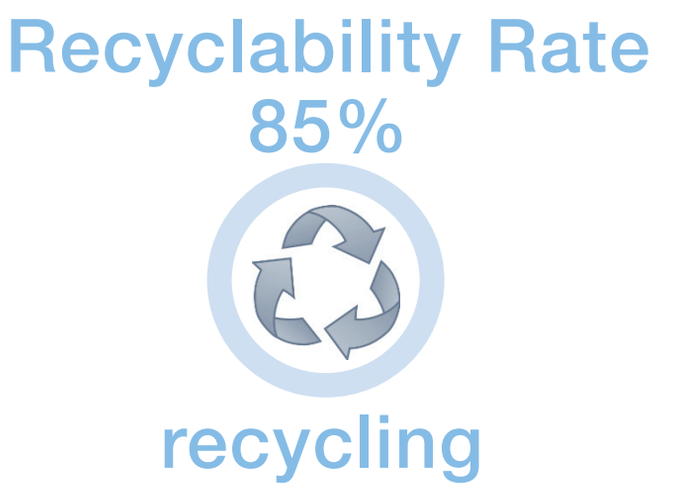
(prEN 50598-2 Power losses of motor starters are lower than 0.1 %);

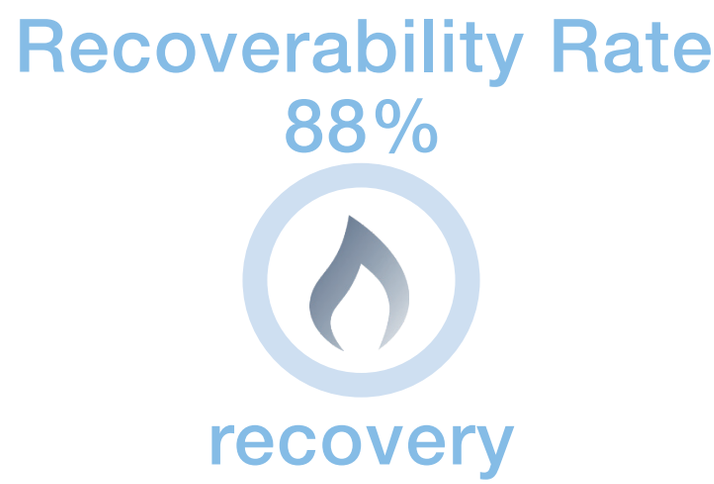
End-of-life

The recycling potential of AF265 ... AF370 is 85 %.
The metals and polymers recycling and recovery rate are shown below.
Ref IEC/TR 62635 Ed. 1.0



The recyclability and recoverability rate has been calculated based on the guidelines of the IEC/TR 62635 Edition 1.0 (2012-10-19)
Guidelines for end-of-life information provided by manufacturers and recyclers and for recyclability rate calculation of electrical and electronic equipment





For the best recovery of the materials it is recommended to follow the scrapping instructions provided in the technical manual of AF265 ... AF370 at the product information portal (www.abb).

Contact us

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