

Content of hazardous materials/substances for the TB84 Product Family

Material/substance	Included (Yes/No)	Amount (g)	Unit (g/kg)
Lead and its compounds	YES	0.006	0.003
Cadmium and its compounds	YES	1.2	0.6
Mercury and its compounds (<i>except in electric lightning</i>)	NO	N/A	N/A
Beryllium and its compounds	NO	N/A	N/A
Brominated flame retardants <i>Specify below:</i>			
- PBB, polybromi-nated biphenyls	NO	N/A	N/A
- PBDE, polybromi-nated diphenylethers	NO	N/A	N/A
Chlorinated paraffin's <i>Specify below:</i>			
- C10-C13 CAS-nr 85535-84-8	NO	N/A	N/A
- C14-C17 CAS-nr 85535-85-9	NO	N/A	N/A
Phthalates <i>Specify below:</i>			
- DEHP CAS-nr 117-81-7	NO	N/A	N/A
- DIDP CAS-nr 26761-40-0	NO	N/A	N/A
- DINP CAS-nr 28553-12-0	NO	N/A	N/A
- DBP CAS-nr 84-74-2	NO	N/A	N/A
CFC 11,12, 113, 114, 115	NO	N/A	N/A
HCFC 22, 122, 123, 141b, 142b, 225	NO	N/A	N/A
Halons 1211, 1301, 2402	NO	N/A	N/A
SF6, sulphurhexa-fluoride	NO	N/A	N/A

Note: Materials and substances should be declared if present in the product specification.

Recycling and scrapping information

	Reference
Exploded view with positions and descriptions of type and amount of materials	N/A
Description of dismantling procedure including handling of hazardous materials	N/A

Note: A prerequisite for the proper handling of a product in its end-of-life phase is to give the customer access to information about the product structure and composition as well as the position of different materials. Here it is especially important to identify hazardous materials.

Losses during operation of the product calculated for 50% load factor

Losses	Unit (W, kW, MW)	Load factor (%)
N/A	N/A	N/A

Note: For most ABB products, losses during operation cause the proportionally largest environmental impact during their whole lifecycle. The losses (expressed in effect) should be declared using a load factor of 50% or, if another load factor is higher, use that factor instead.