



PROTECTION AND CONNECTION

Product environmental information

Cable connector Z-system & Cewe

Applicability

This document covers the environmental information for the following product manufactured by ABB AB, Protection and Connection, Alingsås - Sweden:

Applicability

Cable connector Z-system & Cewe

Type	Product ID
AKZD 95	2CMA125202R1000
AKLD 95	2CMA125203R1000
AKKZ 300	2CMA125165R1000
AKKL 300	2CMA125189R1000
PEN-C 95	2CMA100011R1000
PEN-C 300	2CMA125014R1000
PEN 300	2CMA125167R1000

Product conformity and compliance

REACH (Regulation EC 1907/2006)

During normal and reasonably foreseeable conditions of use, cable connectors and related accessories manufactured by ABB AB, Protection and Connection, do not intentionally release any substance or preparation.

ABB AB, Protection and Connection continuously undertakes communications throughout its supply chain in order to collect information about suppliers' compliance with REACH Regulation.

RoHs and RoHs II

With reference to the EU Directive 2002/95/EC on Restriction of Hazardous Substances (RoHS).

The RoHS Directive does not apply to cable connectors and related accessories manufactured by ABB AB, Protection and Connection, as they are not falling under the categories 1, 2, 3, 4, 5, 6, 7 and 10 set out in Annex IA of the WEEE Directive 2002/96/EC.

SVHC (Regulation EC 1907/2006 REACH)

ABB AB, Protection and Connection continuously assesses its products for content of Substances of Very High Concern (SVHC), as included in the "Candidate List" by the European Chemicals Agency (ECHA).

According to our current best knowledge, cable connectors and related accessories manufactured by ABB AB, Protection and Connection, do not contain SVHC substances exceeding 0.1% w/w. In the event we discover that any SVHC is present above the reporting threshold, we will inform you according to the requirements of REACH directive.

WEEE

Cable connectors manufactured by ABB AB, Protection and Connection, are compliant and in the scope Waste of Electrical and Electronics equipment (WEEE) Directive 2012/19/EU.

Conflict minerals

ABB is continuously working to secure that no "Conflict Minerals" from the Democratic Republic of Congo and the adjoining countries named in section 1502 of the Dodd-Frank Wall Street Reform and Consumer Protection Act are used in our products.

We are pleased to inform that no Conflict Minerals are contained in the products to which this document applies.

Product Safety

The products has been tested according to standards:

EN61238-1: 2003

EN60947-1: 2007/A2:2014

Directives:

"Low Voltage Directive" (LVD) 2017/35/EU

"Electromagnetic Compatibility Directive" (EMC) 2014/30/EU

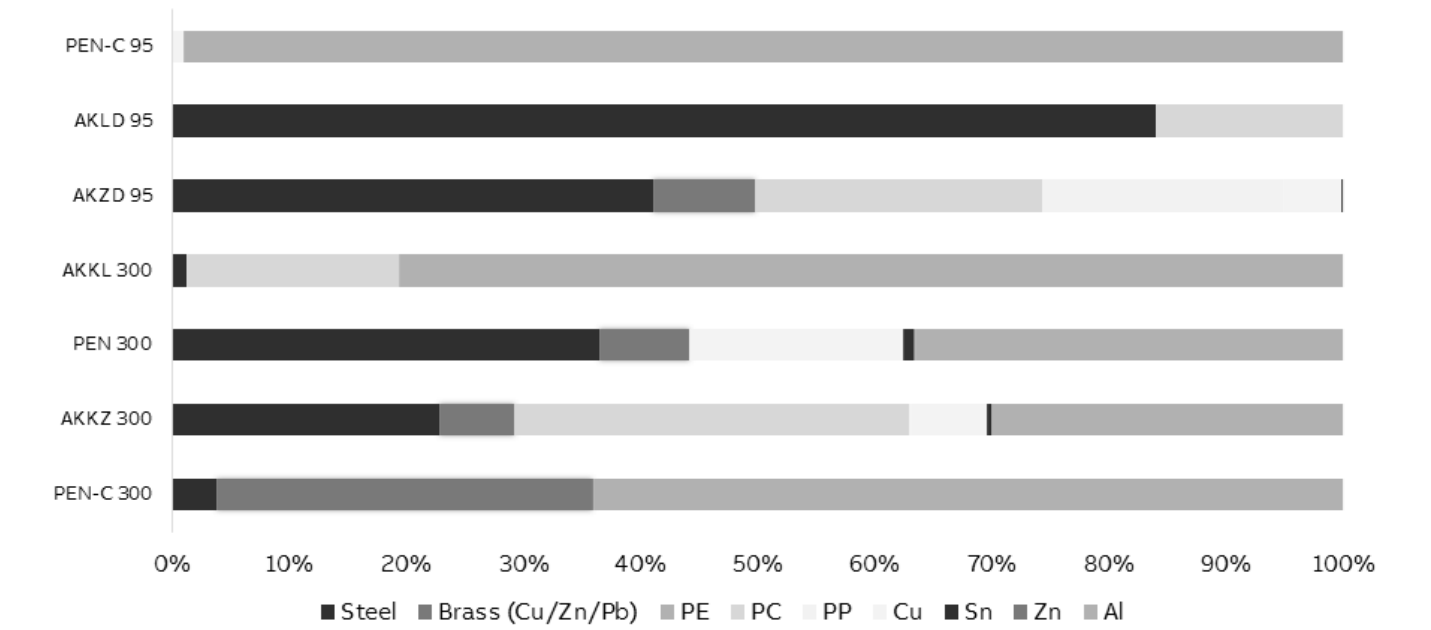
Material declaration

The chart below shows the constituent materials and their allocation:

The total weight of the product

Cable connector Z-system & Cewe							
Material	PEN-C 300	AKKZ 300	PEN 300	AKKL 300	AKZD 95	AKLD 95	PEN-C 95
Steel	0,012	0,152	0,200	0,003	0,200	0,100	0
Brass (Cu/Zn/Pb)	0,100	0,042	0,042	0	0,042	0	0
PE	0	0	0	0	0	0	0
PC	0	0,225	0	0,045	0,119	0,019	0
PP	0	0,001	0	0	0,100	0	0
Cu	0	0,043	0,100	0	0,024	0	0,001
Sn	0	0,002	0,005	0	0,001	0	0
Zn	0,001	0,001	0,001	0	0	0	0
Al	0,200	0,200	0,200	0,200	0	0	0,100
The total weight of the product	0,313	0,666	0,548	0,248	0,486	0,119	0,101

Material declaration



Packaging

The cable connectors are packed in recyclable plastic bags and/or cardboard boxes.

End-of-life

The main parts of the cable connectors can be recycled to preserve natural resources and energy. Product parts and materials should be dismantled and separated.

Generally all metals can be recycled as material. Plastics and packaging material can be used in energy recovery.

To aid recycling, plastic elements are – where possible – marked with appropriate identification code.

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