



ENVIRONMENTAL DECLARATION

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- 1 Product** **AXLJ TT**
- 2 Supplier** **Nexans IKO Sweden AB**
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Nexans IKO Sweden AB is certified according to ISO 9001 and ISO 14001
- 3 Material**
Conductor: Aluminium. The conductor contains a swelling powder consisting of polyacrylate.
Inner semicon: Cross-linked EBA containing carbon black.
Insulation: Cross-linked polyethylene
Outer semicon: Cross-linked EVA – nitrile rubber containing carbon black. Cross-linking forms by-products that remain in the cable for a while. These are principally acetophenon, 2-phenyl-2-propanol and alfa-methylstyren.
Tape: Woven nylon tape coated with cross-linked acrylate containing carbon black.
Screen: Copper wires
Tape: Aluminium tape
Sheath: Polyethylene containing carbon black.
- 4 Materials on the Swedish National Chemicals Inspectorate's PRIO-database**
RoHS Directive Copper
The cable meets the requirements stated in the RoHS Directive (2002/95/EG)
- 5 Packaging** The cable is delivered on wooden drum, which can be returned and reused.
- 6 Recycle Reuse Scrap** Aluminium and copper metal can be reused. Polyethylene can be reused as plastic or as energy source. PEX and other cross-linked polymers can be reused as energy source.
- 7 Other environmental aspects** The cable itself does not effect the environment under normal use. When calculating the current carrying capacity be sure to consider the environmental stress that the energy loss implies. Throughout the cable's lifecycle it can be significant.