Product environmental information
Switch-disconnectors, OT1000/1250/1600E

Product Conformity & Compliance

REACH and SVHC (Regulation EC 1907/2006)
With reference to the Regulation (EC) No. 1907/2006 issued by the European Union for the Registration, Authorization and Restriction of Chemicals (REACH), please be aware that:

• During normal and reasonably foreseeable conditions use, OT switch disconnectors manufactured by ABB Oy, Smart Power do not internationally release any substance or preparation
• ABB Oy, Smart Power continuously assessment

OT switch disconnectors were classified as Articles and during normal reasonably foreseeable conditions of use, do not internationally release any substance or preparation.

ABB Oy, Smart Power continuously undertake communication throughout its supply chain in order to collect information about suppliers’ compliance with REACh regulation.
RoHs and RoHs II
OT are not within Directive 2002/95/EC (RoHs) scope. It is still not clear if they will be within the scope of Directive 2011/65/EU (RoHs II), whose provisions, in any case, will be mandatory starting from July 2019. However, according to our best knowledge, OT switch disconnectors do not contain any of the restricted substances listed into RoHs and RoHs II directives.

SVHC (Regulation EC 1907/2006 REACH)
ABB Oy, Smart Power 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 best knowledge, OT switch disconnectors do not contain SVHC substances exceeding 0.1% w/w.

WEEE
OT switch disconnectors are compliant and in the scope Waste of Electrical and Electronics equipment (WEEE) Directive 2012/19/EU.

Product Safety
Certification of conformity with the product standards is carried out in the SGS Fimko. The product has been tested according to standards:
   - IEC/EN60947-1
   - IEC/EN60947-3

Directives:
   - "Low Voltage Directive" (LDV) 2014/35/EC
   - "Electromagnetic Compatibility Directive" (EMC) 2014/30/EC
The charts below the constituents of OT1000-1600E switches. The constituent materials are distributed as follows.

### Material declaration

<table>
<thead>
<tr>
<th>Material</th>
<th>OT-1000-1250 3 pole switch Weight (kg)</th>
<th>OT1600 3 pole switch Weight (kg)</th>
<th>OT1000-1250 pole Weight (kg)</th>
<th>OT1600 pole Weight (kg)</th>
<th>OT1000-1250-1600 mechanism Weight (kg)</th>
</tr>
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<tbody>
<tr>
<td>Cu</td>
<td>6,00</td>
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<td>1,997</td>
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<td>PE</td>
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<td>Fe</td>
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</tr>
</tbody>
</table>

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**Packaging**

The total weight for OT1000-1600E_3 pole model packing material is 1,3 kg. The cardboard used in the packaging materials are recyclable.

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Product use

Energy
Power loss for OT1000E_ is 19 W per pole, for OT1250E_ is 29 W per pole and for OT1600E_ is 48 W per pole.

Energy consumption during the use of OT1000-1600E_ has been estimated assuming 10 years when operated 3650 hours per year (10 hours per day), load factor 70%.

Energy consumption
OT1000E_: 1456 kWh
OT1250E_: 2223 kWh
OT1600E_: 3679 kWh