



SMART POWER

Product environmental information

OTDC16, OTDC25, OTDC32

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, OTDC16-32 switch disconnectors manufactured by ABB Oy, Smart Power do not internationally release any substance or preparation;
- ABB Oy, Smart Power continuously assessment

OTDC16-32 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.

Product Conformity & Compliance

RoHs and RoHs II

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Based on the information provided by our suppliers, and to the best of our knowledge, ABB Oy Smart Power designates that the OTDC16-32 switch disconnectors are RoHS Compliant and conform to Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS) amended by the EU Directive 2015/863.

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, OTDC16-32 switch disconnectors do not contain SVHC substances exceeding 0.1% w/w.

WEEE

OTDC16-32 switch disconnectors are compliant and in the scope Waste of Electrical and Electronics equipment (WEEE) Directive 2012/19/EU.

Product Safety

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

Material declaration

The charts below the constituents of OTDC16-32_ switches. The constituent materials are distributed as follows.

The total weight of the products are the follows:

OTDC16-32F_ 2 pole switches: 0,14 kg.

OTDC16-32F_ 3 pole switches: 0,18 kg

OTDC16-32F_ 4 pole switches: 0,22 kg.

OTDC16-32_ - 2 pole switch

Material	Weight (kg)	Weight (%)
PA	0,1058	75,4
Fe	0,0047	3,4
Zn	0,0001	0,002
St Fe	0,0156	11,1
Cu	0,0140	10,0
Ag	0,0002	0,1

OTDC16-32_ - 3 pole switch

Material	Weight (kg)	Weight (%)
PA	0,1319	71,4
Fe	0,0064	3,5
Zn	0,0001	0,003
St Fe	0,0213	11,5
Cu	0,0249	13,5
Ag	0,0003	0,1

OTDC16-32_ - 4 pole switch

Material	Weight (kg)	Weight (%)
PA	0,1590	70,2
Fe	0,0081	3,6
Zn	0,0001	0,004
St Fe	0,0271	12,0
Cu	0,0319	14,1
Ag	0,0003	0,1

Material declaration

Packaging

The total weight for OTDC16-32_4 pole model packing material is 10 g. The cardboard are used in the packaging materials, which are recyclable.

Cardboard 100%

Product use

Energy

Power loss for OTDC16_ is 0,15 W per pole, OTDC25_ is 0,3 W per pole and for OTDC32_ is 0,5 W per pole.

Energy consumption during the use of OTDC16-32_ has been estimated assuming 10 years when operated 3650 hours per year (10 hours per day), load factor 70%.

OTDC16_ : 7,7 kWh

OTDC25_ : 15,3 kWh

OTDC32_ : 25,6 kWh



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Find the address of your local sales organization
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> Low Voltage Products and Systems