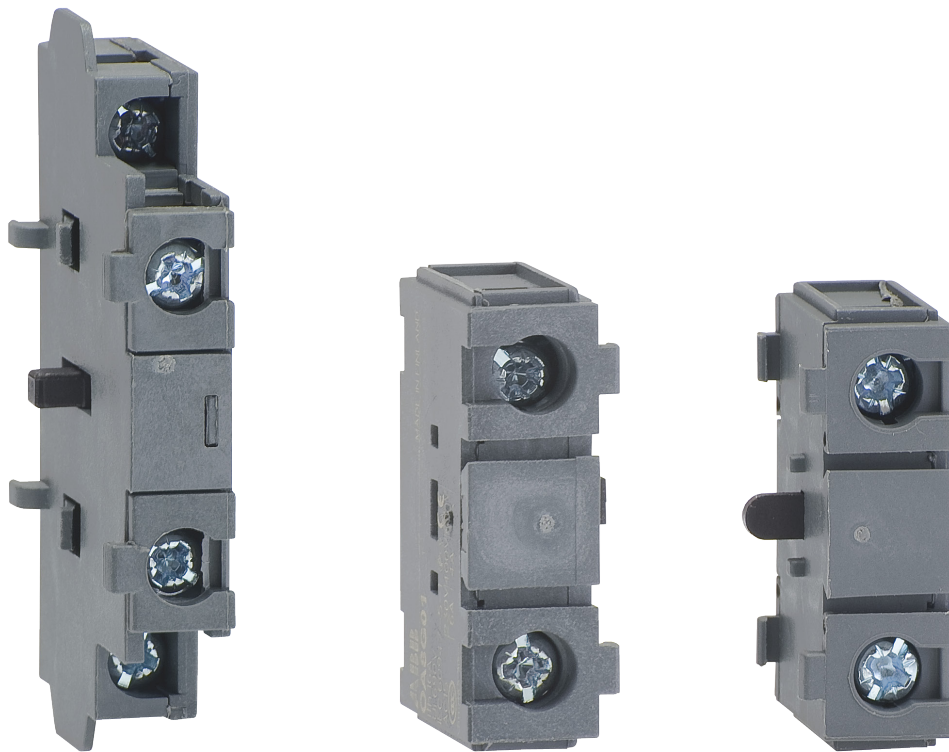




SMART POWER

Product environmental information

Auxiliary contact, OA_

Product Conformity & Compliance

REACH (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, OA-auxiliary contacts manufactured by ABB Oy, Smart Power do not internationally release any substance or preparation;
- ABB Oy, Smart Power continuously assessment

OA-auxiliary contacts 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

OA-auxiliary contacts 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, OA-auxiliary contacts 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, OA-auxiliary contacts do not contain SVHC substances exceeding 0.1% w/w.

WEEE

OA-auxiliary contacts 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/EN60947-5-1

Directives:

"Low Voltage Directive" (LDV) 2006/95/EC

"Electromagnetic Compatibility Directive" (EMC) 2004/108/EC

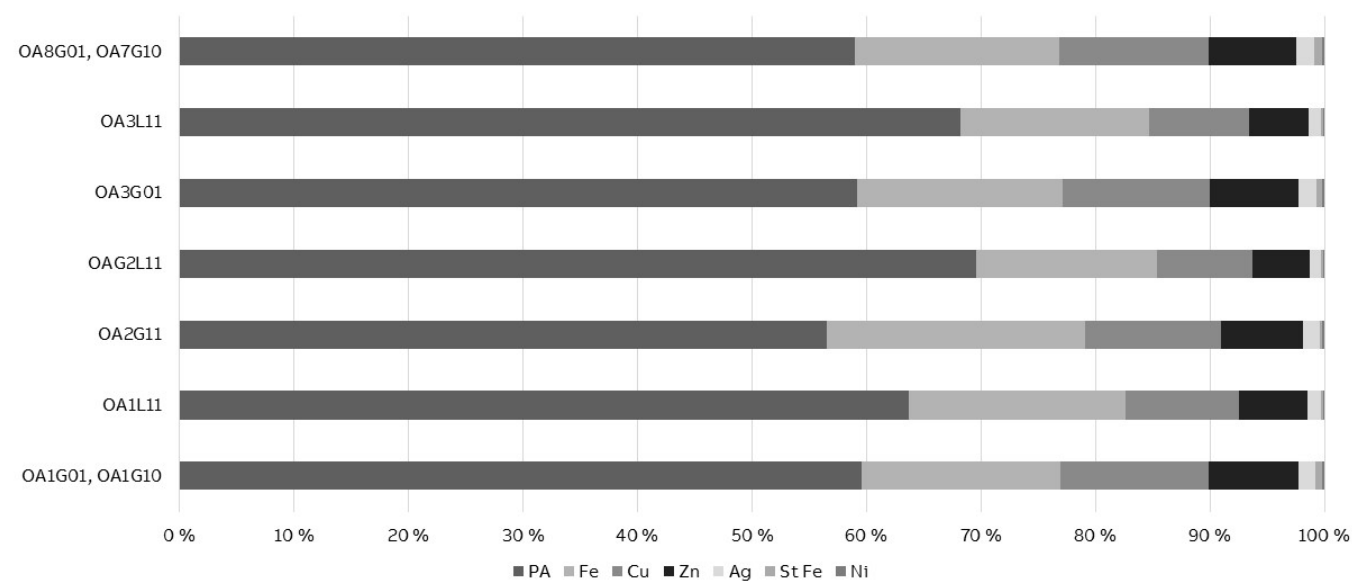
Material declaration

The charts below show the constituents of OA-auxiliary contacts. The constituent materials are distributed as follows.

Material declaration

Material	OA1G01, OA1G10 g	OA1L11 g	OA2G11 g	OAG2L11 g	OA3G01 g	OA3L11 g	OA8G01, OA7G10 g
PA	7,20	14,10	10,50	18,40	7,00	17,40	7,00
Fe	2,10	4,20	4,20	4,20	2,10	4,20	2,10
Cu	1,60	2,20	2,20	2,20	1,50	2,20	1,60
Zn	0,90	1,30	1,30	1,30	0,90	1,30	0,90
Ag	0,20	0,30	0,30	0,30	0,20	0,30	0,20
St Fe	0,07	0,04	0,04	0,04	0,06	0,04	0,08
Ni	0,02	0,03	0,03	0,03	0,02	0,03	0,02
The total weight of the product with accessories	15,00	20,00	20,00	30,00	15,00	30,00	15,00

Material declaration



Packaging

The polyethylene plastic films are used in the packaging materials, which are recyclable.

ABB Oy
Smart Power
P.O. Box 622
FI-65101 Vaasa, Finland
www.abb.com

Find the address of your local sales organization
on the ABB homepage:

www.abb.com/contacts
> Low Voltage Products and Systems