

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME

CB TEST CERTIFICATE

Product

Switch-disconnector

Name and address of the applicant

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Name and address of the manufacturer

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Name and address of the factory

ABB Oy, Smart Power
Muottitie 2 A, FI-65320, Vaasa, Finland

Note: When more than one factory, please report on page 2

 Additional Information on page 2

Ratings and principal characteristics

See pages 2 - 3

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

CTF3

Model / Type Ref.

OT160EV_
See pages 2 - 3

Additional information (if necessary may also be reported on page 2)

 Additional Information on page 2

A sample of the product was tested and found to be in conformity with

IEC 60947-3:2008
IEC 60947-3:2008/AMD1:2012
IEC 60947-3:2008/AMD2:2015
IEC 60947-1:2007
IEC 60947-1:2007/AMD1:2010
IEC 60947-1:2007/AMD2:2014

National Differences:

-

As shown in the Test Report Ref. No. which forms part of this Certificate

294585-1

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd.
Särkiniementie 3
FI-00210 Helsinki, Finland

SGS Fimko Ltd.

Date: 8 November 2019

Signature:

Seppo Lautamies
Project Manager

Additional information:

Number of poles:	2, 3 or 4
Conventional free air thermal current: I _{th}	160 A
Conventional enclosed thermal current: I _{the}	160 A
Rated operational current: I _e	160 A
Rated operational voltage: U _e :	690 V
Utilization category	AC-21A, AC-22A, AC-23A
Rated insulation voltage: U _i	1000 V
Rated impulse withstand voltage: U _{imp}	12 kV
Rated frequency	50...60 Hz
Rated short-time withstand current: I _{cw}	8 kA 1s (with 40cm cable support distance) 15 kA 0.25s (3- and 4- pole only, with 15cm cable support distance)
Rated short-circuit making capacity: I _{cm}	14 kA 690 V (with 40cm cable support distance) 30 kA 690 V (3- and 4- pole only, with 15cm cable support distance)
Rated conditional short-circuit current: I _q	100 kA 690 V (with 40cm cable support distance) 250A gG-type fuse
Pollution degree:	3
Handle type	OH_65J6 OH_65D6 (_K-models)

Type designation

OT	160	EV	13	W	P	
						P External handle and shaft included
						K Direct handle mounted
						Blanco Without handle and shaft
						W Insulation plates between poles
						Number of poles and placing of operating mechanism
						Mounting / Construction:
						EV Front operated, IEC rated types (OT160 only)
						EVS Side operated, IEC rated types (OT160 only)
						Switch size: 160
						OT Switch Disconnecter

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Additional information:**Certificate for types**

Front operated

OT160EV02	OT160EV02W
OT160EV20	OT160EV20W
OT160EV11	OT160EV11W
OT160EV03	OT160EV03W
OT160EV04	OT160EV04W
OT160EV12	OT160EV12W
OT160EV21	OT160EV21W
OT160EV22	OT160EV22W
OT160EV30	OT160EV30W
OT160EV40	OT160EV40W
OT160EV31	OT160EV31W
OT160EV13	OT160EV13W

Side operated

OT160EVS02	OT160EVS02W
OT160EVS20	OT160EVS20W
OT160EVS03	OT160EVS03W
OT160EVS04	OT160EVS04W
OT160EVS30	OT160EVS30W
OT160EVS40	OT160EVS40W

Maybe followed by P or K.

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**SGS Fimko Ltd.****Date:** 8 November 2019**Signature:**

Seppo Lautamies

Project Manager