

## 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.

OT250E\_, OT200U\_  
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:

-

294585-1

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

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 <sub>th</sub> 250 A
Conventional enclosed thermal current:	I <sub>the</sub> 250 A
Rated operational current:	I <sub>e</sub> 250 A
Rated operational voltage:	U <sub>e</sub> : 690 V
Utilization category	AC-21A, AC-22A, AC-23A
Rated insulation voltage:	U <sub>i</sub> 1000 V
Rated impulse withstand voltage:	U <sub>imp</sub> 12 kV
Rated frequency	50...60 Hz
Rated short-time withstand current:	I <sub>cw</sub> 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 <sub>cm</sub> 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 <sub>q</sub> 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

<b>OT</b>	<b>250</b>	<b>E</b>	<b>13</b>	<b>W</b>	<b>P</b>	
						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
						<b>Mounting / Construction:</b>
						E Front operated, IEC rated types
						ES Side operated, IEC rated types
						U Front operated, IEC and UL rated types
						US Side operated, IEC and UL rated types
						<b>Switch size:</b> 250 (IEC) , 200 (UL)
						OT Switch Disconnecter

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**Additional information:**
**Certificate for types**

Front operated

OT250E02	OT250E02W	OT200U02
OT250E20	OT250E20W	OT200U20
OT250E11	OT250E11W	OT200U11
OT250E03	OT250E03W	OT200U03
OT250E04	OT250E04W	OT200U04
OT250E12	OT250E12W	OT200U12
OT250E21	OT250E21W	OT200U21
OT250E22	OT250E22W	OT200U22
OT250E30	OT250E30W	OT200U30
OT250E40	OT250E40W	OT200U40
OT250E31	OT250E31W	OT200U31
OT250E13	OT250E13W	OT200U13

Side operated

OT250ES02	OT250ES02W	OT200US02
OT250ES20	OT250ES20W	OT200US20
OT250ES03	OT250ES03W	OT200US03
OT250ES04	OT250ES04W	OT200US40
OT250ES30	OT250ES30W	OT200US30
OT250ES40	OT250ES40W	OT200US04

Maybe followed by P or K.

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