

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

CB TEST CERTIFICATE

Product

Switch-disconnector-fuse

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
 Additional Information on page 2

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

Ratings and principal characteristics

See pages 2 -4

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

CTF3

Model / Type Ref.

OS250D_, OS250B_

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

See pages 2- 4
 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

298663-2

This CB Test Certificate is issued by the National Certification Body

SGS Fimko Ltd.
Takomotie 8
FI-00380 Helsinki, Finland

SGS Fimko Ltd.

Date: 28 May 2020

Signature: 
Seppo Lautamies
Project Manager

Additional information:

Number of poles:		2, 3 or 4
Conventional free air thermal current: I _{th}		250 A (maximum power loss of the fuse-link 23W)
Rated operational current:	I _e	250 A
Rated operational voltage:	U _e :	415-690 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 conditional short-circuit current: I _q		80 kA 690 V, Protective fuses; see table 100 kA 690 V, Protective fuses; see table
Pollution degree:		3
Handle type		OH_65J6 OH_65D6 (_K-models)

Type designation

OS	250	D	S	40	F	K	
							P=External handle and shaft included K=Direct handle mounted Blanco=Without handle and shaft
							Fourth pole N1= Neutral (in the left side) N2= Neutral (in the right side) F=Fusible
							Poles 2 poles: 11, 02, 20 3 poles: 12, 21, 30, 03 4 poles: 13, 31, 22, 40, 04
							Blanco = front operated P = Pistol handle and shaft S = Side operated
							Type of fuse holder D= D-type fuse, DIN 0-1 B= BS-type fuse, B1-B3
							Rated current 250= 250 A
							OS= Switch disconnecter fuse

SGS Fimko Ltd.
Takomotie 8
FI-00380 Helsinki, Finland

SGS
SGS Fimko Ltd.

Date: 28 May 2020

Signature: *Seppo Lautamies*

Seppo Lautamies
Project Manager

Additional information:

Short-circuit protective fuses

Ue	Ip	Number of poles	DIN 0-1 OS250D	BS88, B1-B3 OS200B_
690V	80 kA	2	gG250	gG315
		3	aM250 / gG250	aM250 / gG250
		4	aM250 / gG250	aM250 / gG250
690V	100 kA	2		
		3	SIBA aM200 / gG200	
		4	SIBA aM200 / gG200	

Certificate for types

Front operated models

OS250D03	OS250B03
OS250D30	OS250B30
OS250D12	OS250B12
OS250D21	OS250B21
OS250D40N1	OS250B40N1
OS250D40N2	OS250B40N2
OS250D40F	OS250B40F
OS250D04N1	OS250B04N1
OS250D04N2	OS250B04N2
OS250D04F	OS250B04F
OS250D22N1	OS250B22N1
OS250D22N2	OS250B22N2
OS250D22F	OS250B22F
OS250D13N1	OS250B13N1
OS250D13N2	OS250B13N2
OS250D13F	OS250B13F
OS250D31N1	OS250B31N1
OS250D31N2	OS250B31N2
OS250D31F	OS250B31F
OS250D02	OS250B02
OS250D20	OS250B20
OS250D11	OS250B11

Front operated models with direct handle

OS250D03K	OS250B03K
OS250D30K	OS250B30K
OS250D12K	OS250B12K
OS250D21K	OS250B21K
OS250D40N1K	OS250B40N1K
OS250D40N2K	OS250B40N2K
OS250D40FK	OS250B40FK
OS250D04N1K	OS250B04N1K
OS250D04N2K	OS250B04N2K
OS250D04FK	OS250B04FK
OS250D22N1K	OS250B22N1K
OS250D22N2K	OS250B22N2K
OS250D22FK	OS250B22FK
OS250D13N1K	OS250B13N1K
OS250D13N2K	OS250B13N2K
OS250D13FK	OS250B13FK
OS250D31N1K	OS250B31N1K
OS250D31N2K	OS250B31N2K
OS250D31FK	OS250B31FK
OS250D02K	OS250B02K
OS250D20K	OS250B20K
OS250D11K	OS250B11K

SGS Fimko Ltd.
Takomotie 8
FI-00380 Helsinki, Finland



SGS Fimko Ltd.

Date: 28 May 2020

Signature: 
Seppo Lautamies
Project Manager

Additional information:

Side operated models

OS250DS03	OS250BS03
OS250DS30	OS250BS30
OS250DS04F	OS250BS04F
OS250DS04N1	OS250BS04N1
OS250DS04N2	OS250BS04N2
OS250DS40F	OS250BS40F
OS250DS40N1	OS250BS40N1
OS250DS40N2	OS250BS40N2
OS250DS02	OS250BS02
OS250DS20	OS250BS20

Side operated models with direct handle

OS250DS03K	OS250BS03K
OS250DS30K	OS250BS30K
OS250DS04FK	OS250BS04FK
OS250DS04N1K	OS250BS04N1K
OS250DS04N2K	OS250BS04N2K
OS250DS40FK	OS250BS40FK
OS250DS40N1K	OS250BS40N1K
OS250DS40N2K	OS250BS40N2K
OS250DS02K	OS250BS02K
OS250DS20K	OS250BS20K

SGS Fimko Ltd.
 Takomotie 8
 FI-00380 Helsinki, Finland



SGS Fimko Ltd.

Date: 28 May 2020

Signature: 
 Seppo Lautamies
 Project Manager