

FI-52204/A1

IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME		
CB TEST CERTIFICATE		
Product	ATS Bypass/isolation Transfer Switching Equipment	
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 Inc 1555 Scott St, 38668, Senatobia Mississippi, United States of America Additional Information on page 2	
Note: When more than one factory, please report on page 2	See pages 2 -3	
Ratings and principal characteristics		
Trademark / Brand (if any)	ABB	
Customer's Testing Facility (CTF) Stage used	CTF2	
Model / Type Ref.	ZSB_040_1X5TXXX4X and ZSD_040_1X5TXXX4X	
Additional information (if necessary may also be reported on page 2)	Additional Information on pages 2 - 3	
A sample of the product was tested and found to be in conformity with	IEC 60947-6-1:2005 IEC 60947-6-1:2005/AMD1:2013 IEC 60947-1:2020 IEC 60947-1:2007/AMD2:2014, Annex Q National Differences:	
As shown in the Test Report Ref. No. which forms part of this Certificate	HELES2108000862-1 and HELES2108000862-1 Amendment 1	
This CB Test Certificate is issued by the National Certification Body		
SGS Fimko Ltd Takomotie 8 FI-00380 Helsinki, Finland	SGS	
Date: 2022-05-10	Signature: Sound Switzens	
	Seppo Lautamies Project Manager	

Issued 2018-06-05

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Ref. Certif. No.



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Additional information:

Type of equipment:		ATSE /RTSE/MTSE
Class		PC
Number of poles:		3 or 4
Rated operational current:	le	400 A (AC-31B, AC-32B, AC-33B and AC-31A)
Rated operational voltage:	Ue:	380 - 415 V (ZSB_0_M_1X5XXX4X)
		380 - 400 V (ZSB_0_T_1X5XXX4X)
		415 V (ZSB_0_U_1X5XXX4X)
Rated insulation voltage:	Ui	1000 V (Main poles)
Rated insulation voltage:	Ui	500 V (Automatic controlled unit and control unit for BTSE
Rated frequency:	f	5060 Hz
Utilization category	1.1	AC-31A, AC-31B, AC-32B and AC-33B
Conventional enclosed thermal current:	lthe	400 A
Rated short-time withstand current:	lcw	0,5 s; 50 kA
Rated short-circuit making capacity:	Icm	415 V; 105 kA
Rated conditional short-circuit current:	lq	500 V; 100 kA, (Fuses: aM 1250 A , gG 1600 A) 500 V; 50 kA (CB: ABB T7L1600_)
Rated impulse withstand voltage:	Uimp	8 kV (Main poles)
Rated impulse withstand voltage:	Uimp	6 kV (Automatic Control unit)
		4 kV (Control unit for BTSE, without over voltage
		protectors)
Degree of protection:		IP20
Pollution degree:		2
EMC environment:		A
Environment category		В
Components: Automatic transfer switches Type: OXB1250 Automatic controlled unit with HMI Type: OX_4Q_ (level 4 HMI) Control unit for BTSE Type: OXYJ2		
SGS Fimko Ltd		CCC
Takomotie 8		SGS
FI-00380 Helsinki, Finland		
Date: 2022-05-10		Signature: Sound Switzen
		Seppo Lautamies
		Project Manager

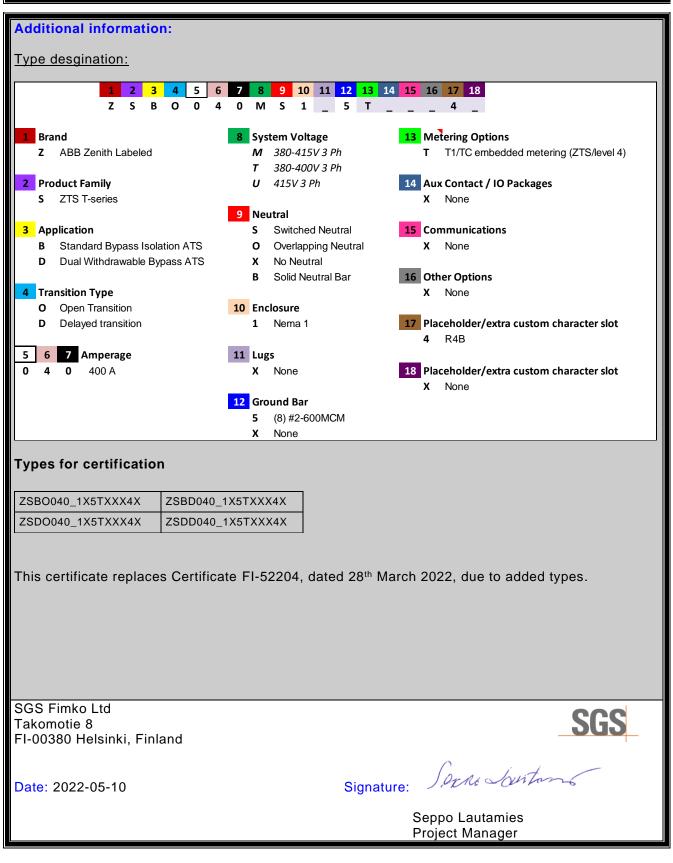
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