



CB TEST CERTIFICATE

Ref. Certificate No.

NL-33681

IEC SYSTEM OF CONFORMITY ASSESSMENT SCHEMES FOR ELECTROTECHNICAL EQUIPMENT AND COMPONENTS (IECEE) CB SCHEME

Issued by:	DEKRA Certification B.V.		
Product:	Air circuit-breaker		
Applicant:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Manufacturer:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Factory:	LSIS Co., Ltd. Cheongju Plant	95, Baekbong-ro, Heungdeok- gu, Cheongju-si, Chungcheongbuk-do	Korea, Republic of
Rating and principal characteristics:	3 and 4 pole ACB (Electronic trip unit) In = 630 A, 800 A, 1000 A, 1250 A, 1600 A, 2000 A Ue = 220, 230, 380, 415, 440, 460, 480, 500, 550, 600, 690 V Ui = 1000 Vac Uimp = 12 kV Icu = AN type: 50 kA-690 V, 65 kA-500 V AS type: 65 kA-690 V, 70 kA-500 V AH type: 65 kA-690 V, 85 kA-500 V Ics = 100%Icu Icw = AN type: 50 kA/1 s, AS type & AH type: 65 kA/1 s Rated frequency = 50/60 Hz Cat B		
Trade mark (if any):	LS		
Model/Type reference:	2000 AF: AN-06/08/10/13/16/20D3-; AN-06/08/10/13/16/20D4-; AS-06/08/10/13/16/20D3-; AS-06/08/10/13/16/20D4-; AH -06/08/10/13/16/20D3-; AH-06/08/10/13/16/20D4-		
Additional information:	Renewal of certificate NL-13384 dated 2007-10-29, by spot checks. Product compliant with EN 60947-2.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1;am2		
Test Report Ref. No:	2106131.50 (dated 2007-10-29), 2168871.50		

This CB Test Certificate is issued by the National Certification Body:

DEKRA Certification B.V.
Meander 1051, 6825 MJ
Arnhem
The Netherlands

Signed by: F.S.Strikwerda

Date of issue: 2014-12-09





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Manufacturer:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Factory:	LSIS Co., Ltd. Cheongju Plant	95, Baekbong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do	Korea, Republic of
Rating and principal characteristics:	3 and 4 pole ACB (Electronic trip unit) In = 630, 800, 1000, 1250, 1600, 2000, 2500, 3200, 4000 A Ue = 220, 230, 380, 415, 440, 460, 480, 500, 550, 600, 690 V Ui = 1000 Vac Uimp = 12 kV Icu = AN type: 70 kA-500 V, 65 kA-690 V AS type: 85 kA-690 V AH type: 100 kA-500 V, 85 kA-690 V Ics = 100%Icu Icw = AN type: 65 kA /1 s, AS type & AH type: 85 kA /1 s Rated frequency = 50/60 Hz Cat B		
Trade mark (if any):	LS		
Model/Type reference:	4000 AF: AN-20/25/32/40E3-, AN-20/25/32/40E4-, AS-20/25/32/40E3-, AS-20/25/32/40E4-, AH-06/08/10/13/16/20/25/32/40E3-, AH-06/08/10/13/16/20/25/32/40E4-		
Additional information:	Renewal of certificate NL-13385 dated 2007-10-29 by spot checks. Product compliant with EN 60947-2.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1;am2		
Test Report Ref. No:	2106131.51 (dated 2007-10-29), 2168871.51		

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Product:	Air circuit-breaker		
Applicant:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Manufacturer:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Factory:	LSIS Co., Ltd. Cheongju Plant	95, Baekbong-ro, Heungdeok- gu, Cheongju-si, Chungcheongbuk-do	Korea, Republic of
Rating and principal characteristics:	3 and 4 pole ACB (Electronic trip unit) In = 4000, 5000 A Ue = 220, 230, 380, 415, 440, 460, 480, 500, 550, 600, 690 V Ui = 1000 Vac Uimp = 12 kV Icu = 100 kA-500 V, 85 kA-690 V, Ics = 100%Icu Icw = 85 kA, 1 s Rated frequency = 50/60 Hz Cat B		
Trade mark (if any):	LS		
Model/Type reference:	5000 AF: AS-40/50F3- and AS-40/50F4-		
Additional information:	Renewal of certificate NL-13386 dated 2007-10-29 by spot checks. Product compliant with EN 60947-2.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1;am2		
Test Report Ref. No:	2106131.52 (dated 2007-10-29), 2168871.52		

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Applicant:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Manufacturer:	LSIS Co., Ltd.	127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do	Korea, Republic of
Factory:	LSIS Co., Ltd. Cheongju Plant	95, Baekbong-ro, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do	Korea, Republic of
Rating and principal characteristics:	3 and 4 pole ACB (Electronic trip unit) $I_n = 4000 \text{ A}, 5000 \text{ A}, 6300 \text{ A}$ $U_e = 220, 230, 380, 415, 440, 460, 480, 500, 550, 600, 690 \text{ V}$ $U_i = 1000 \text{ Vac}$ $U_{imp} = 12 \text{ kV}$ $I_{cu} = \text{AS type: } 120 \text{ kA-500 V}, 100 \text{ kA-690 V}$ $\text{AH type: } 150 \text{ kA-500 V}, 100 \text{ kA-690 V}$ $I_{cs} = 100\%I_{cu}$ $I_{cw} = 100 \text{ kA}, 1 \text{ s}$ Rated frequency = 50/60 Hz Cat B		
Trade mark (if any):	LS		
Model/Type reference:	6300 AF: AS-40/50/63G3-, AS-40/50/63G4-, AH-40/50/63G3-, AH-40/50/63G4-		
Additional information:	Renewal of certificate NL-13387, dated 2007-10-29, by spot checks. Product compliant with EN 60947-2.		
Sample of product tested to be in conformity with IEC:	60947-2(ed.4);am1;am2		
Test Report Ref. No:	2106131.53 (dated 2007-10-29), 2168871.53		

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