

IEC**IECEE**

®

TM

Ref. Certif. No.

CN56272

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

Product

Switch-disconnectors

Name and address of the applicant

ABB S.P.A.
Via Pescaria n°5, 24123 Bergamo Italy

Name and address of the manufacturer

ABB S.P.A.
Via Pescaria n°5, 24123 Bergamo Italy

Name and address of the factory

ABB S.P.A.
Via Enrico Fermi n°40, 03100 Frosinone Italy

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

Ratings and principal characteristics

See the Appendix

Trademark / Brand (if any)

N/A

Customer's Testing Facility (CTF) Stage used

Model / Type Ref.

E4.2N/MS, E4.2H/MS, E4.2V/MS, E4.2H/E9/VF MS, E4.2S MS/DC-E, E4.2H MS/DC-E, E4.2V MS/DC-E, E4.2S-A MS/DC-E, E4.2H-A MS/DC-E, E4.2V-A MS/DC-E, E4.2H/E9 MS, E4.2H/E9/LF MS

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

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

IEC 60947-3:2008(3rd Edition) + AMD 1:2012 + AMD 2:2015 in conjunction with IEC 60947-1:2007, AMD1:2010, AMD2:2014

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

00901-CB2019CQC-090388-M3

This CB Test Certificate is issued by the National Certification Body

CHINA QUALITY CERTIFICATION CENTRE

Section 9, No. 188 Nansihuan Xilu, Beijing 100070 P. R. China

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website: <http://www.cqc.com.cn>

Date: Mar.24,2022

Signature:

谢肇煦

Xie ZhaoXu

**CB 0066636**

E4.2N/MS, E4.2H/MS, E4.2V/MS, E4.2H/E9/VF MS, E4.2S MS/DC-E,
E4.2H MS/DC-E, E4.2V MS/DC-E, E4.2S-A MS/DC-E, E4.2H-A MS/DC-E,
E4.2V-A MS/DC-E, E4.2H/E9 MS, E4.2H/E9/LF MS
Uimp: 12kV;
Ui: 1000V, 1500V(DC-E);
Ith: E4.2N/MS, E4.2H/MS, E4.2V/MS, E4.2H/E9/VF MS, E4.2S MS/DC-E,
E4.2H MS/DC-E, E4.2V MS/DC-E, E4.2H/E9 MS, E4.2H/E9/LF MS: Ith=4000A;
E4.2S-A MS/DC-E, E4.2H-A MS/DC-E, E4.2V-A MS/DC-E: Ith=3200A
Ue: AC440V, AC690V(E4.2N/MS, E4.2H/MS, E4.2V/MS),
AC800V(E4.2H/E9/VF MS), AC900V(E4.2H/E9 MS, E4.2H/E9/LF MS),
DC1500V(E4.2S MS/DC-E, E4.2H MS/DC-E, E4.2V MS/DC-E, E4.2S-A MS/DC-E,
E4.2H-A MS/DC-E, E4.2V-A MS/DC-E);
Ie: E4.2N/MS, E4.2H/MS: 3200A, 4000A;
E4.2V/MS: 2000A, 2500A, 3200, 4000A; E4.2H/E9/VF MS: 4000A;
E4.2S MS/DC-E, E4.2H MS/DC-E, E4.2V MS/DC-E: 1600A, 2000A, 2500A, 3200A, 4000A;
E4.2S-A MS/DC-E, E4.2H-A MS/DC-E, E4.2V-A MS/DC-E: 1600A, 2000A, 2500A, 3200A;
E4.2H/E9 MS, E4.2H/E9/LF MS: 2500A, 3200, 4000A;

Icw: See table 1

Icm(peak): See table 1

table 1

Type	E4.2N/ MS	E4.2H/ MS	E4.2V/ MS	E4.2H/E9/VF MS E4.2H/E9 MS E4.2H/E9/LF MS	E4.2S MS/DC-E E4.2S-A MS/DC-E	E4.2H MS/DC-E E4.2H-A MS/DC-E	E4.2V MS/DC-E E4.2V-A MS/DC-E
Icw 1s [kA]	66	85	100	75	65	85	100
Icm [kA]	145	187	220	165	65	85	100

Utilization Category: E4.2N/MS, E4.2H/MS, E4.2V/MS: AC-23A;
E4.2H/E9/VF MS: AC-22A, AC-22B; E4.2H/E9 MS, E4.2H/E9/LF MS: AC-23A;
E4.2V MS/DC-E, E4.2H MS/DC-E, E4.2S MS/DC-E, E4.2S-A MS/DC-E, E4.2H-A MS/DC-E,

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Additional information (if necessary)

Date:

Mar.24,2022

Signature:

谢肇煦
Xie ZhaoXu

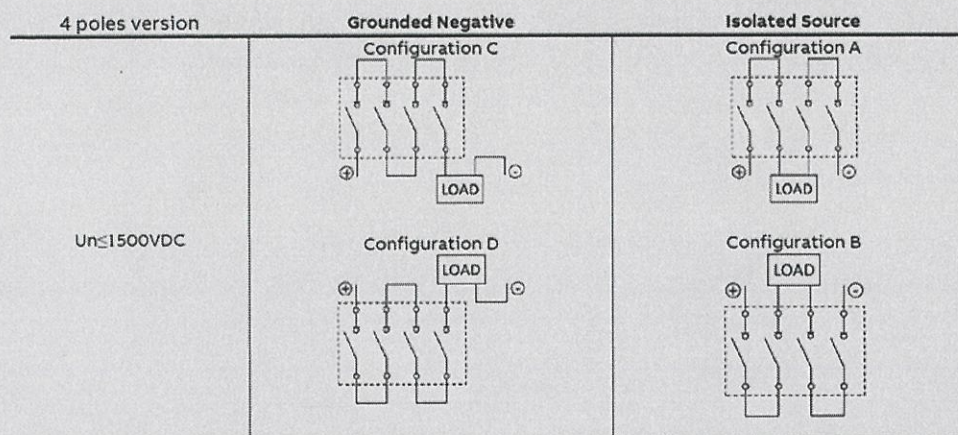
E4.2V-A MS/DC-E: DC-22A, DC-PV2;

3P,4P(E4.2H/E9/VF MS, E4.2H/E9 MS, E4.2H/E9/LF MS only 3P);

50/60Hz;

Connection diagram for DC:

Installation



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型号解释:

E4.2

N/H/V

MS

2000 - 4000

Rated operational current

MS = Switch Disconnecter

Short time duration level

V = Very High

H = High

N = Normal

E4.2 = Emax2 Switch Disconnecter E4.2

E4.2

H

/E9

/VF

MS

4000

Rated operational current

MS = Switch Disconnecter

/VF = Variable Frequency

/E9 = 900Vac

Short time duration level

H = High

E4.2 = Emax2 Switch Disconnecter E4.2

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Xie ZhaoXu

E4.2 S/H/V -A MS/DC-E 1600-4000 / 1600-3200

Rated operational current

1600-4000A: IEC

1600-3200A: UL

Switch Disconnector for DC

Version

Blank = IEC

-A = UL

Short time duration level

S = Standard

H = High

V = Very High

E4.2 = Emax2 Switch Disconnector E4.2

E4.2 H /E9 blank or /LF MS 2500/3200/4000

Rated operational current

MS = Switch Disconnector

/LF = For 50-60Hz and Low Frequency application

blank = For 50-60Hz only

/E9 = 900Vac

Short time duration level

H = High

E4.2 = Emax2 Switch Disconnector E4.2

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