

IEC**IECEE**

Ref. Certif. No.

FR_717757**IEC SYSTEM FOR MUTUAL RECOGNITION OF TEST CERTIFICATES FOR ELECTRICAL EQUIPMENT (IECEE) CB SCHEME****CB TEST CERTIFICATE**

Product

Moulded-case circuit-breaker

Name and address of the applicant

SCHNEIDER ELECTRIC INDUSTRIES SAS
35, rue Joseph Monier, 92500 RUEIL-MALMAISON - FRANCE

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS
35, rue Joseph Monier, 92500 RUEIL-MALMAISON - FRANCE

Name and address of the factory

SCHNEIDER ELECTRIC FRANCE
6 - 8 rue du Bailly, BP 97812, 21078 DIJON Cedex - FRANCE

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

 Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark / Brand (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

See Annex

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 60947-1:2007 +A1:2010 +A2:2014
IEC 60947-2:2016 +A1:2019

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

23119Y90012

This CB Test Certificate is issued by the National Certification Body

**LCIE**LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE
33 avenue du Général Leclerc
92260 Fontenay-aux-Roses, FRANCEwww.lcie.frLABORATOIRE CENTRAL DES
INDUSTRIES ELECTRIQUES

S.A.S au capital de 15.745.984 €

RCS Nanterre B 408 363 174

33 avenue du Général Leclerc

F - 92266 FONTENAY AUX ROSES

Signature: 
Julien GAUTHIER
Certification Officer

Date: 18/10/2023

ANNEX

References, ratings and main characteristics:

Selectivity category	A
Interruption medium	Air
Design	Moulded case
Method of controlling the operating mechanism	Independent manual
Suitability for isolation	Suitable
Provision for maintenance	Non-maintainable
Method of installation	Fixed
Type of release (thermo-magnetic / electronic)	Thermo-magnetic
Protection degree :	N/A
Rated operational voltage U_e : (V)	GB2DB: 230/240V, 400/415V AC GB2CB/ GB2CD/ GB2CS: 230/240VAC
Rated insulation voltage U_i : (V)	GB2DB: 415V GB2CB/ GB2CD GB2CS: 250V
Rated impulse withstand voltage U_{imp} : (kV)	4kV
Rated current I_n : (A)	GB2CB, GB2CD, GB2DB: 0,5A/1A/2A/3A/4A/5A/6A/8A/10A/12A/16A GB2CS: 0,5A/1A
Conventional free air thermal current I_{th} : (A)	Equal to I_n
Conventional enclosed thermal current I_{the} : (A)	N/A
Rated current for four pole circuit-breakers : (A)	Equal to I_n
Rated frequency : (Hz)	50/60Hz
Nature of supply :	AC
Total number of poles :	GB2DB : 2P GB2CD: 1P+N(N marked, N has no overcurrent protection) GB2CS: 1P GB2CB: 1P
Rated duty	uninterrupted duty
Rated ultimate short-circuit breaking capacity I_{cu} : (A)	<u>GB2DB:</u> 1kA/230/240V, 400/415Vac (I_n :10A,12A,16A) 1,5kA/230/240V, 400/415Vac (I_n :6A,8A) 2kA/230/240V, 400/415Vac (I_n :5A) 3kA/230/240V, 400/415Vac (I_n :3A,4A) 10kA/230/240V, 400/415Vac (I_n :0,5A/1A/2A) <u>GB2CB /GB2CD:</u> 1kA/230/240Vac (I_n :10A,12A,16A) 1,5kA/230/240Vac (I_n :6A,8A) 2kA/230/240Vac (I_n :5A) 3kA/230/240Vac (I_n :3A,4A) 10kA/230/240Vac (I_n :0,5A/1A/2A) <u>GB2CS:</u> 10kA/230/240Vac



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Rated service short-circuit breaking capacity I_{cs} : (A)	GB2DB: 75% I_{cu} (I_n :5A,6A,8A10A,12A,16A) 50% I_{cu} (I_n :3A,4A) 25% I_{cu} (I_n :0,5A,1A,2A) GB2CB /GB2CD: 75% I_{cu} (I_n :5A,6A,8A10A,12A,16A) 50% I_{cu} (I_n :3A,4A) 25% I_{cu} (I_n :0,5A/1A/2A) GB2CS: 25% I_{cu}
Rated short-time withstand current I_{cw} : (A)	N/A
Electromagnetic compatibility	N/A
Pollution degree	3
Material group :	IIIa
safety distance (short-circuit tests) :	Back/ Front: 0 mm Top/Bottom:35 mm Left/Right : 5 mm

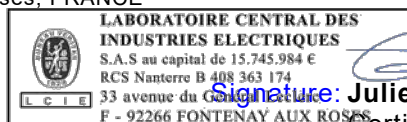
Product reference list

GB2DByy						
Model	I_n (A)	poles	U_e (V)	I_{cu} (kA)	I_{cs} (kA)	I_i (A) tolerance $\pm 20\%$
GB2DB05	0,5	2P	230V/240V,400/415V	10	25% I_{cu}	6,6
GB2DB06	1	2P	230V/240V,400/415V	10	25% I_{cu}	14
GB2DB07	2	2P	230V/240V,400/415V	10	25% I_{cu}	26
GB2DB08	3	2P	230V/240V,400/415V	3	50% I_{cu}	40
GB2DB09	4	2P	230V/240V,400/415V	3	50% I_{cu}	52
GB2DB10	5	2P	230V/240V,400/415V	2	75% I_{cu}	66
GB2DB12	6	2P	230V/240V,400/415V	1,5	75% I_{cu}	83
GB2DB14	8	2P	230V/240V,400/415V	1,5	75% I_{cu}	108
GB2DB16	10	2P	230V/240V,400/415V	1	75% I_{cu}	138
GB2DB20	12	2P	230V/240V,400/415V	1	75% I_{cu}	165
GB2DB21	16	2P	230V/240V,400/415V	1	75% I_{cu}	220



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GB2CByy

Model	In(A)	poles	Ue(V)	Icu(kA)	Ics(kA)	Ii(A) tolerance $\pm 20\%$
GB2CB05	0,5	1P	230V/240V	10	25%Icu	6,6
GB2CB06	1	1P	230V/240V	10	25%Icu	14
GB2CB07	2	1P	230V/240V	10	25%Icu	26
GB2CB08	3	1P	230V/240V	3	50%Icu	40
GB2CB09	4	1P	230V/240V	3	50%Icu	52
GB2CB10	5	1P	230V/240V	2	75%Icu	66
GB2CB12	6	1P	230V/240V	1,5	75%Icu	83
GB2CB14	8	1P	230V/240V	1,5	75%Icu	108
GB2CB16	10	1P	230V/240V	1	75%Icu	138
GB2CB20	12	1P	230V/240V	1	75%Icu	165
GB2CB21	16	1P	230V/240V	1	75%Icu	220

GB2CDyy

Model	In(A)	poles	Ue(V)	Icu(kA)	Ics(kA)	Ii(A) tolerance $\pm 20\%$
GB2CD05	0,5	1P	230V/240V	10	25%Icu	6,6
GB2CD06	1	1P	230V/240V	10	25%Icu	14
GB2CD07	2	1P	230V/240V	10	25%Icu	26
GB2CD08	3	1P	230V/240V	3	50%Icu	40
GB2CD09	4	1P	230V/240V	3	50%Icu	52
GB2CD10	5	1P	230V/240V	2	75%Icu	66
GB2CD12	6	1P	230V/240V	1,5	75%Icu	83
GB2CD14	8	1P	230V/240V	1,5	75%Icu	108
GB2CD16	10	1P	230V/240V	1	75%Icu	138
GB2CD20	12	1P	230V/240V	1	75%Icu	165
GB2CD21	16	1P	230V/240V	1	75%Icu	220

GB2CS

Model	In(A)	poles	Ue(V)	Icu(kA)	Ics(kA)	Ii(A) tolerance $\pm 20\%$
GB2CS05	0,5	1P	230V/240V	10	25%Icu	3,3
GB2CS06	1	1P	230V/240V	10	25%Icu	6



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