



Ref. Certif. No.

FR\_713464

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

CB TEST CERTIFICATE

Product

Circuit-breaker  
Motor 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

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

CTF2

Model / Type Ref.

Tesys GV4L, Tesys GV4LE, Tesys GV4P,  
Tesys GV4PE,  
TeSys GV4PEM with: Breaking capacity type B, N or S  
Terminal EL2 connector or Crimp lug

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

Supersedes CBTC FR\_705230 dated 29/03/2019 and CBTC FR\_705226 dated 01/04/2019. Change name and address of manufacturer, Addition of factory(ies), Update further to the evolution of the standard(s), Update the list of components

Additional Information on page 2

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

IEC 60947-2:2016 +A1:2019  
IEC 60947-4-1:2018

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

2111996011, 2111996011A

This CB Test Certificate is issued by the National Certification Body



LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES - LCIE  
33 avenue du Général Leclerc  
92260 Fontenay-aux-Roses, FRANCE  
[www.lcie.fr](http://www.lcie.fr)



LABORATOIRE 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: 21/03/2022

## ANNEX

**Name and address of the factories:**

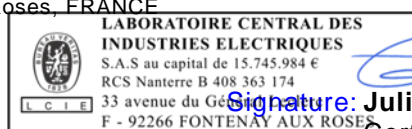
**SCHNEIDER (BEIJING) LOW VOLTAGE Co., Ltd**  
No 2, Liang Shui He 2nd Street, beijing Economic Technological Development area  
100176 BEIJING – CHINA

**SCHNEIDER ELECTRIC INDUSTRIES POLSKA Sp z o.o.**  
ul. MOSTOWA 19  
32-332 BUKOWNO - POLAND



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Certification Officer

## ANNEX

**References, ratings and main characteristics:**

Utilization 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			
Protection degree :	IP20			
Rated operational voltage $U_e$ : (V)	AC220/240V, 380/415V, 440V, 500V, 525V, 660/690V			
Rated insulation voltage $U_i$ : (V)	800V			
Rated impulse withstand voltage $U_{imp}$ : (kV)	8kV			
Rated current $I_n$ : (A)	2A, 3,5A, 7A, 12,5A, 25A,50A,80A, 115A			
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 :	3P			
Number of protected poles :	3P			
Rated duty	uninterrupted duty			
Rated short-time making capacity $I_{cm}$ : (A)	N/A			
Rated ultimate short-circuit breaking capacity $I_{cu}$ : (A)		B type	N type	S type
	220/240V	50kA	100kA	120kA
	380/415V	25kA	50kA	100kA
	440V	20kA	50kA	70kA
	500V	10kA	25kA	30kA
	525V	-	15kA	18kA
	660/690V	-	8kA	10kA
Rated service short-circuit breaking capacity $I_{cs}$ : (A)		B type	N type	S type
	220/240V	50kA	100kA	120kA
	380/415V	25kA	50kA	100kA
	440V	20kA	50kA	70kA
	500V	10kA	25kA	30kA
	525V	-	15kA	18kA
	660/690V	-	2kA	2,5kA
Rated short-time withstand current $I_{cw}$ : (A)	N/A			
Electromagnetic compatibility	A			
Instantaneous tripping current :	Electronic type (GV4P, GV4PE, GV4PEM) Instantaneous tripping(Ii): 17In for $I_n=2A, 7A, 25A, 50A, 80A, 115A$ 60A for $I_n=3,5A$ 213A for $I_n=12,5A$ Magnetic type(GV4L, GV4LE) Instantaneous tripping(Ii): 6-14In			
Reference ambient calibration air temperature : (°C)	N/A			
Pollution degree	3			
Material group :	IIIa			
safety distance (short-circuit tests) :	Up/down: 30/5mm    Left/right: 0mm    Front/back: 0mm			



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Shunt release :	MX : 24V 50/60Hz, 48V 50/60Hz, 110-130V 50/60Hz, 220-240V/50Hz/ 208-240V/60Hz, 277V 60Hz, 380-415V 50Hz, 440-480V 60Hz, 24VDC,48VDC,125VDC,250VDC
Undervoltage release:	MN: 24V 50/60Hz, 48V 50/60Hz,110-130V 50/60Hz, 220-240V/50Hz/ 208-240V/60Hz, 277V 60Hz, 380-415V 50Hz, 440-480V 60Hz, 24VDC,48VDC,125VDC,250VDC
Auxiliary circuits:	OF/SD 1NO1NC AC-15: Ue/Ie: 24V/5A, 48V/5A, 100/127V/4A, 220/240V/3A, 380/440V/2,5A, 660/690V/0,11A DC-13: Ue/Ie: 24V/2,5A, 48V/1,2A, 110V/0,35A, 250V/0,05A

#### AC-1, AC3 performance:

GV4P In	AC-1 Ith= In	AC-3	
		Ie at 415V	Ie at 690V
2A	2A	2A	2A
3,5A	3,5A	3,5A	3,5A
7A	7A	7A	7A
12,5A	12,5A	12,5A	12,5A
25A	25A	25A	25A
50A	50A	50A	50A
80A	80A	80A	80A
115A	115A	100A	80A



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