


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

**CB TEST CERTIFICATE**

Product	<b>Motor circuit-breaker Motor Protection Switching Devices (MPSD)</b>
Name and address of the applicant	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> 35, rue Joseph Monier 92500 RUEIL-MALMAISON FRANCE
Name and address of the manufacturer	<b>SCHNEIDER ELECTRIC INDUSTRIES SAS</b> 31 rue Pierre Mendès-France 38320 EYBENS FRANCE
Name and address of the factory	<b>SCHNEIDER ELECTRIC Alpes</b> Voie Isaac Newton ZI Alpespace 73800 Francin FRANCE
Note: When more than one factory, please report on page 2	<input type="checkbox"/> Additional Information on page 2
Ratings and principal characteristics	Rated operational current Ie from 320 to 500 A Rated operational voltage Ue from 230 to 690 V Breaking capacity type F or H See Annex
Trademark / Brand (if any)	
Customer's Testing Facility (CTF) Stage used	CTF2
Model / Type Ref.	TeSys GV6P320F, TeSys GV6P320H, TeSys GV6P500F, TeSys GV6P500H
Additional information (if necessary may also be reported on page 2)	Motor circuit-breaker equipped with Micrologic 2.3M <input checked="" type="checkbox"/> Additional Information on page 2
A sample of the product was tested and found to be in conformity with	IEC 60947-4-1:2018 IEC 60947-1:2007 +A1:2010 +A2:2014
As shown in the Test Report Ref. No. which forms part of this Certificate	159383-732075

This CB Test Certificate is issued by the National Certification Body

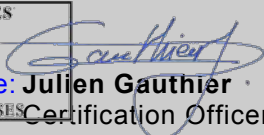


LCIE – Laboratoire Central des Industries Electriques  
33, avenue du Général Leclerc – BP8  
FR 92 266 Fontenay aux Roses Cedex  
[www.lcie.fr](http://www.lcie.fr)

Date: 27/09/2019



LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15.745.984 €  
RCS Nanterre B 498 363 174  
33 avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

Signature:  **Julien Gauthier**  
Certification Officer

## ANNEX

Models: TeSys GV6P320F, TeSys GV6P320H, TeSys GV6P500F, TeSys GV6P500H

**Classification:**

Number of poles	3
Kind of current: (a.c. or d.c.)	a.c.
Interruption medium	Air
Method of operation	Manual
Method of control	Hand operation by rotary handle Independent manual
Rated frequency: (Hz)	50/60
Rated duty	Uninterrupted
Utilization category	AC-1, AC-3
Suitability for isolation	Suitable
Method of installation	Fixed
Degree of protection: (IP code)	IP40 Front face with rotary handle
Operating temperature: (°C)	-25 to +70
Maximum operating altitude: (m)	2000
Electromagnetic compatibility (EMC) / Environment A or B	B

**Rated and limiting values, main circuit:**

- rated operational voltage: Ue (V)	230 to 690
- rated insulation voltage: Ui (V)	800
- rated impulse withstand voltage: Uimp (kV)	8
- rated operational current: Ie (A)	320, 500
- conventional free air thermal current: Ith (A)	320, 500
- uninterrupted duty: Iu (A)	320, 500

**Short-circuit characteristic:**

Rated ultimate short-circuit breaking capacity: Icu (kA)

	F	H
230 V	40	100
415 V	36	70
440 V	30	65
500 V	25	50
690 V	10	10

Rated service short-circuit breaking capacity: Ics (kA)

	F	H
230 V	40	100
415 V	36	70
440 V	30	65
500 V	25	50
690 V	10	10

AC-1 and AC-3 performances:

	AC-1	AC-3
Ie (A)	Ie (A) (*)	Ie (A) (*)
320	320	280
500	500	400

(\*) Performance provided for all rated operational voltage



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## ANNEX (continued)

**Control circuits:**

Rated and limiting values, control circuits

MX: Shunt release (release with shunt coil)  
MN: Under-voltage release**Auxiliary circuits:**

Rated and limiting values, auxiliary circuits

State indication switch: OF  
Alarm switch: SD/SDE- rated operational voltage:  $U_e$  (V)From 24 to 690 Va.c.  
From 24 to 250 Vd.c.- rated insulation voltage:  $U_i$  (V)

690

- rated operational current:  $I_e$  (A)

Up to 6

- kind of current: (a.c., d.c.)

a.c., d.c.

- rated frequency: (Hz)

50/60

- number of circuits

Up to 6

- number and kind of contact elements

1 C/O contact

- rated uninterrupted current:  $I_u$  (A)

Up to 6

- utilization category: (AC, DC, current and voltage)

AC-12, AC-15, DC-12, DC-14

Short-circuit characteristics

- rated conditional short-circuit current: (kA)

1

- kind of protective device

Fuse gG 10A max

**Releases:**

Rated and limiting values, releases

Shunt release (release with shunt coil)

MX

- rated operational voltage:  $U_e$  (V)

From 48 to 440 Va.c.

- rated insulation voltage:  $U_i$  (V)

690

- kind of current: (a.c., d.c.)

a.c

- rated frequency: (Hz)

50/60

Under-voltage release

MN

- rated operational voltage:  $U_e$  (V)

From 48 to 440 Va.c.

- rated insulation voltage:  $U_i$  (V)

690

- kind of current: (a.c., d.c.)

a.c

- rated frequency: (Hz)

50/60

Overload release including the overload function of a MPSD

- Designation

Micrologic 2.3M

- Current settings:  $I_r$  (A)

160 to 320, 250 to 500

- rated frequency: (Hz)

50/60

- trip class

5,10,20

- nature of relay

Electronic, thermal memory, sensitive to phase loss

Short-circuit release of a MPSD

- Current settings:  $I_{sd}$  (A)

5 to 13Ir

- Current settings:  $I_i$  (A)

4800, 6500



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