



Ref. Certif. No.

FR\_702991

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

CB TEST CERTIFICATE

Product

Air Circuit-Breaker

Name and address of the applicant

SCHNEIDER ELECTRIC INDUSTRIES SAS  
35, rue Joseph Monier CS 30323  
92506 RUEIL-MALMAISON - FRANCE

Name and address of the manufacturer

SCHNEIDER ELECTRIC INDUSTRIES SAS  
31 rue Pierre Mendes France, Eybens  
38050 GRENOBLE Cedex 9 - FRANCE

Name and address of the factory

See Annex

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

Additional Information on page 2

Ratings and principal characteristics

See Annex

Trademark (if any)



Customer's Testing Facility (CTF) Stage used

/

Model / Type Ref.

Series EasyPact  
References: MVS08N, MVS10N, MVS12N, MVS16N, MVS20N,  
MVS25N, MVS32N, MVS40N,  
MVS06H, MVS08H, MVS10H, MVS12H, MVS16H, MVS20H,  
MVS25H, MVS32H, MVS40H.

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(ed.5) +A1:2010 +A2:2014  
IEC 60947-2:2016

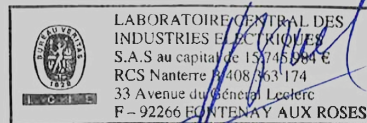
As shown in the Test Report Ref. No. which forms part of this Certificate

3308447.50, 3303047.50 (related to CBTC No. NL-37740),  
1811990002.

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)



LABORATOIRE CENTRAL DES  
INDUSTRIES ELECTRIQUES  
S.A.S au capital de 15745004 €  
RCS Nanterre 4408363174  
33 Avenue du Général Leclerc  
F - 92266 FONTENAY AUX ROSES

Date: 30/05/2018

Signature: **Jean-François BRUEL**  
Certification Officer

## ANNEX

**Name and address of the factories:**

**Schneider Shanghai Power Distribution Elec.App.Co. Ltd**  
833 Kang Qiao Road Pudong Area 201315 SHANGHAI  
CHINA

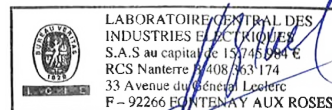
**Schneider Electric India Private Limited**  
Survey #215, Gagillapur Village, Medak Road HYDERABAD ANDHRA PRADESH  
INDIA

**References, ratings and main characteristics**

|   |  |
|---|--|
| Utilization category  | B  |
| Interruption medium   | Air  |
| Design  | Enclosed pole construction   |
| Method of controlling the operating mechanism                 | Independent manual & power   |
| Suitability for isolation                                     | Suitable   |
| Provision for maintenance                                     | Maintainable   |
| Method of installation  | Fixed & withdrawable   |
| Protection degree :   | IP30 for front cover   |
| Rated operational voltage $U_e$ : (V)                         | AC220/440V, 690V   |
| Rated insulation voltage $U_i$ : (V)                          | 1000V  |
| Rated impulse withstand voltage $U_{imp}$ : (kV)              | 12kV   |
| Rated current $I_n$ : (A)                                     | EasyPact MVSxxN: 800A, 1000A, 1250A, 1600A, 2000A, 2500A, 3200A, 4000A<br>EasyPact MVSxxH: 630A, 800A, 1000A, 1250A, 1600A, 2000A, 2500A, 3200A, 4000A     |
| 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, 4P(3P+N, N marked, N has overcurrent protection)   |
| Number of protected poles :                                   | 3P, 4P   |
| Rated duty  | Uninterrupted duty   |
| Rated short-time making capacity $I_{cm}$ : (A)               | EasyPact MVSxxN:<br>Max 121kA/ AC 220V/440V, 88,2kA/ AC 690V<br>EasyPact MVSxxH:<br>Max 143kA/ AC 220V/440V, 105kA/ AC 690V                                |
| Rated ultimate short-circuit breaking capacity $I_{cu}$ : (A) | EasyPact MVSxxN:<br>50kA/ AC 220V/440V (800-3200A)<br>55kA/ AC 220V/440V (4000A)<br>42kA/ AC 690V<br>EasyPact MVSxxH:<br>65kA/ AC 220V/440V, 50kA/ AC 690V |
| Rated service short-circuit breaking capacity $I_{cs}$ : (A)  | 100% $I_{cu}$  |



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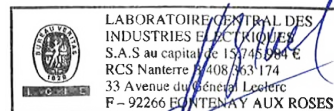
## ANNEX (end)

|   |   |
|---|---|
| Rated short-time withstand current $I_{cw}$ : (A) | EasyPact MVSxxN:<br>50kA/ 1s at AC 220V/440V (800-3200A)<br>55kA/ 1s at AC 220V/440V (4000A)<br>42kA/ 1s at AC 690V<br>EasyPact MVSxxH:<br>65kA/ 1s at AC 220V/440V, 50kA/1s at AC 690V   |
| Instantaneous tripping current :                  | 2 / 3 / 4 / 6 / 8 / 10 / 12 / 15 x $I_n$ applicable to trip system ET5S/ETA5S/ETV5S/ET6G/ETA6G/ETV6G and 5.0/5.0A/5.0V/6.0/6.0A/6.0V<br>1,5 / 2 / 2,5 / 3 / 4 / 5 / 6 / 8 / 10 x $I_r$ applicable to trip system ET2I/ETA2I/ETV2I and 2.0 |
| Pollution degree                                  | 4   |
| Material group :                                  | IIIa  |
| Safety distance (short-circuit tests) :           | Up/down: 0mm<br>Left/right: 0mm<br>Front/back: 0mm  |

For more information relating to the ratings and the main characteristics please refer to the CB Test Report: 181199002



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