

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

CB TEST CERTIFICATE

| | |
|---|--|
| Product | Thermal overload relay Electronic Overload Relay |
| 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 Shanghai Apparatus Parts Manufacturing Co., Ltd. Putuo Branch Block A, Building 2, No.629 Suide Road, Putuo District Shanghai - China |
| Note: When more than one factory, please report on page 2 | <input type="checkbox"/> 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. | LR9G115, LR9G115C, LR9G225, LR9G225C |
| Additional information (if necessary may also be reported on page 2) | <input type="checkbox"/> 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 60947-4-1:2018 |
| As shown in the Test Report Ref. No. which forms part of this Certificate | 2011990048 |

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

Date: 02/06/2021



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

ANNEX

Model Explanation

| | | | |
|------------|----------|------------|----------|
| <u>LR9</u> | <u>G</u> | <u>115</u> | <u>C</u> |
| I | II | III | IV |

| | |
|-----|---|
| I | Basic product type |
| II | G = series name |
| III | Overload relay size 115: 28-115A 225: 57-225A |
| IV | Marketing versions : Blank : Global C : China |

RATED CHARACTERISTICS

| | |
|--|---|
| Number of poles | 3P |
| Method of operation | Electrical |
| Rated frequency | 50/60Hz |
| Rated operational voltage U_e (V) | Max 1000V |
| Rated insulation voltage: U_i (V) | 1000V |
| Rated impulse withstand voltage U_{imp} (kV) | 8kV |
| Conventional free air thermal current I_{th} (A) | LR9G115/ LR9G115C:115A LR9G225/ LR9G225C:225A |
| Rated operational current I_e (A) | LR9G115/ LR9G115C: 28...115A LR9G225/ LR9G225C: 57...225A |
| Trip class | Class 5E, 10E, 20E, 30E |
| Rated prospective short-circuit current "r" (kA) | LR9G115/ LR9G115C: 5kA/1000V LR9G225/ LR9G225C: 10kA/1000V |
| Rated conditional short-circuit current I_q (kA) | 100kA/1000V |
| Type of co-ordination | Type 2 |

Auxiliary circuits

| | | | | | | | | |
|-------|-----------|----|-----|------|------|------|------|------|
| AC-15 | U_e (V) | 24 | 48 | 120 | 240 | 380 | 480 | 500 |
| | I_e (A) | 4 | 4 | 3 | 1,5 | 0,95 | 0,75 | 0,72 |
| DC-13 | U_e (V) | 24 | 48 | 125 | 250 | - | - | - |
| | I_e (A) | 2 | 0,7 | 0,22 | 0,11 | - | - | - |



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