



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

Via Tito Livio, 5 - 24123 - BERGAMO (Italy)
tel. +390354175244 fax. +390354534662 e-mail: acaecert@tin.it



Certificate of Conformity

LOVAG-Certificate No. IT 06.001

Apparatus

Three poles circuit breaker 600 V (U_0) - 690 V (U_1) - 100 A (I_{th}/I_{trb}) - 50/60 Hz
 I_{cs} 20 kA at 240 V - 10 kA at 415 V - 5 kA at 550 V, I_{cu} 40 kA at 240 V - 20 kA
at 415 V - 10 kA at 550 V, with short-circuit and overloaded releases:
 $I_n = 15-20-25-30-40-50-60-75-100$ A

Designation

DRX 100N

Manufacturer or responsible vendor

Legrand S.A. - 128, Av. du Maréchal-de-Lattre-de-Tassigny - 87045 Limoges
Cedex (France)

Tested for: Legrand S.A.

Tested by: ACAE Laboratory IB 02

The apparatus, constructed in accordance with the description mentioned in
the Test Report listed on this Certificate has been subjected to the series of
proving tests in accordance with IEC 60947-2:1995, Corrigendum (1997) and
IEC 60947-2:1995/A1:1997 EN 60947-2:1996 and EN 60947-2:1996/A1:1997

Test sequence: I

The results are shown in the Test Report in accordance to LOVAG. The values
obtained and the general performance are considered to comply with the
above Standard(s) and to justify the characteristic assigned by the manufacturer
as stated below.

Utilization category A
Suitable for isolation

$U_0 = 600$ V a.c. 50/60 Hz $I_n = 100$ A $U_1 = 690$ V $U_{trp} = 6$ kV

This document includes Report No.: 05.109
Issue Date: 2006.02.02

Responsible Certification Body: ACAE

SINCERT
ACCREDITAMENTO ORGANISMI DI CERTIFICAZIONE E COPERTIONE

PRD N°070B
Signatory of EA and IAF Mutual Recognition Agreements

Mauro Marchi

Authorized Signature

Date: 2006.05.03

This Certificate applies only to
the apparatus tested. The
responsibility for conformity of
any apparatus having the same
designation with that tested
rests with the manufacturer or
responsible vendor.

This certificate has been pre-
pared according to LOVAG
(Low Voltage Agreement Group)
Objectives and Operating Prin-
ciples of mutual recognition.
The responsible certification
body as member of LOVAG
issues a Certificate of Confor-
mity with the above mentioned
Standard(s) following the
exclusive use of LOVAG Test
Instructions wherever
applicable.

Only integral reproduction of
this Certificate or reproductions
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any page(s) on which are
stated the tests performed and
the assigned rated charac-
teristics of the apparatus
tested, are permitted without
written permission from the
LOVAG Signatory responsible
for this Certificate.

LOVAG CERTIFICATES

- LOVAG** is the Low Voltage Agreement Group which is a Mutual Agreement Group of Certification Bodies founded in 1991 which has achieved a high level of competence in testing and certification of low voltage equipment. LOVAG's main purpose as an Agreement Group shall be for the mutual recognition of the test reports and/or certificates of conformity by its signatories.
- Membership** LOVAG presently has six signatories to the Agreement: ACAE (Italy), ALPHA (Germany), Applus⁺CTC (Spain), ASEFA (France), Intertek Semko AB (Sweden) and SGS Belgium NV - Division SGS CEBEC (Belgium) and employs around 40 European Testing Laboratories.
- Certificates** LOVAG Certificates are issued by the signatory bodies to the Agreement using test reports and certificates in a common and recognisable format in the market. They are recognised and accepted in the European Economic Area and elsewhere in the world.
- Test Instructions** LOVAG uses common LOVAG Test Instructions for each of the International and European Standards covered by the Agreement and signatories to the Agreement abide by these when testing for LOVAG Certification.
- Qualifications** All signatory bodies to the Agreement are accredited and/or assessed to EN 45011 (ISO/IEC Guide 65) and their laboratories are accredited and/or assessed to EN ISO/IEC 17025.

For further information contact your local certification body from the list below or contact the Secretariat of LOVAG at: ALPHA e.V., Stresemannallee 19, D-60596 Frankfurt am Main, Phone: + 49 69 9620 6343, Fax : + 49 69 9620 6344, e-mail: secretariat@lovag.net

LIST OF LOVAG SIGNATORIES:

<p>ACAE Via Tito Livio 5 I-24123 Bergamo ITALY Fax: + 39 035 453 4662 e-mail: acaecert@tin.it</p> 	<p>ASEFA 33 av du general leclerc F-92260 Fontenay-aux-roses FRANCE Fax: + 33 1 40 95 88 18 e-mail: asefa@lcie.fr</p> 
<p>ALPHA e. V. Stresemannallee 19 D-60596 Frankfurt am Main GERMANY Fax: + 49 69 9620 6344 e-mail: office@alpha-cert.de</p> 	<p>SGS Belgium NV - Division SGS CEBEC Avenue Van Kalken 9A Bte 1 B-1070-Brussels BELGIUM Fax: + 32 2 556 00 36 e-mail: silvio.piras@sgs.com</p> 
<p>Applus+ CTC Campus UAB E-08193 Bellaterra (Barcelona) SPAIN Fax: + 34 93 567 20 01 e-mail: amarginet@appluscorp.com</p> 	<p>Intertek Semko AB Box 1103, Torshamnsgatan 43 SE-164 22 Kista SWEDEN Fax: + 46 8 750 6030 e-mail: lovag@semko.se</p> 



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Certificate of Conformity

LOVAG-Certificate No. IT 06.003

Apparatus

Three poles circuit breaker 550 V (U_g) - 690 V (U_i) - 100 A (I_n/I_{ine}) - 50/60 Hz
 I_{cs} 20 kA at 240 V - 10 kA at 415 V - 5 kA at 550 V, I_{cu} 40 kA at 240 V - 20 kA
at 415 V - 10 kA at 550 V, with short-circuit and overloaded releases:
 $I_n = 15-20-25-30-40-50-60-75-100$ A

Designation

DRX 100N

Manufacturer or responsible vendor

Legrand S.A. - 128, Av. du Maréchal-de-Lattre-de-Tassigny - 87045 Limoges
Cedex (France)

Tested for: Legrand S.A.

Tested by: ACAE Laboratory IB 01 and IB 02

The apparatus, constructed in accordance with the description mentioned in
the Test Report listed on this Certificate has been subjected to the series of
proving tests in accordance with IEC 60947-2:1995, Corrigendum (1997) and
IEC 60947-2:1995/A1:1997 EN 60947-2:1996 and EN 60947-2:1996/A1:1997

Test sequence: II

The results are shown in the Test Report in accordance to LOVAG. The values
obtained and the general performance are considered to comply with the
above Standard(s) and to justify the characteristic assigned by the manufacturer
as stated below.

Utilization category A

Suitable for isolation

U_g 240 V	a.c. 50/60 Hz	I_n 100 A	I_{cs} 20 kA
U_g 415 V	a.c. 50/60 Hz	I_n 100 A	I_{cs} 10 kA
U_g 550 V	a.c. 50/60 Hz	I_n 100 A	I_{cs} 5 kA

This document includes Report No.: 05.111

Issue Date: 2006.02.03

Responsible Certification Body: ACAE

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ACCREDITAMENTO ORGANISMO DI CERTIFICAZIONE E SPERIMENTAZIONE

PRD N° 070B

Signatory of EA and IAF Mutual Recognition Agreements

Mauro Marchi

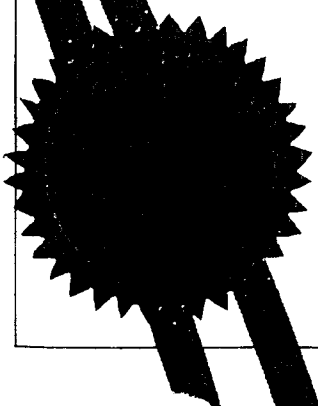
Authorized Signature

Date: 2006.05.03

This Certificate applies only to the apparatus tested. The responsibility for conformity of any apparatus having the same designation with that tested rests with the manufacturer or responsible vendor.

This certificate has been prepared according to LOVAG (Low Voltage Agreement Group) Objectives and Operating Principles of mutual recognition. The responsible certification body as member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Test Instructions wherever applicable.

Only integral reproduction of this Certificate or reproductions of this page accompanied by any page(s) on which are stated the tests performed and the assigned rated characteristics of the apparatus tested, are permitted without written permission from the LOVAG Signatory responsible for this Certificate.



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- Qualifications** All signatory bodies to the Agreement are accredited and/or assessed to EN 45011 (ISO/IEC Guide 65) and their laboratories are accredited and/or assessed to EN ISO/IEC 17025.

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Certificate of Conformity

LOVAG-Certificate No. IT 06.005

Apparatus

Three poles circuit breaker 550 V (U_g) - 690 V (U_i) - 100 A (I_n/I_{the}) - 50/60 Hz
 I_{cs} 20 kA at 240 V - 10 kA at 415 V - 5 kA at 550 V, I_{cu} 40 kA at 240 V - 20 kA
at 415 V - 10 kA at 550 V, with short-circuit and overloaded releases:
 $I_n = 15-20-25-30-40-50-60-75-100$ A

Designation

DRX 100N

Manufacturer or responsible vendor

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Test sequence: III

The results are shown in the Test Report in accordance to LOVAG. The values
obtained and the general performance are considered to comply with the
above Standard(s) and to justify the characteristic assigned by the manufacturer
as stated below.

Utilization category A

Suitable for isolation

U_g 240 V a.c. 50/60 Hz I_n 100 A I_{cu} 40 kA

U_g 415 V a.c. 50/60 Hz I_n 100 A I_{cu} 20 kA

U_g 550 V a.c. 50/60 Hz I_n 100 A I_{cu} 10 kA

This document includes Report No.: 05.113

Issue Date: 2006.02.02

Responsible Certification Body: ACAE

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ACCREDITAMENTO ORGANISMO CERTIFICAZIONE E ISPEZIONE

PRD N°070B

Signatory of EA and IAF Mutual Recognition Agreements

Mauro Marchi

Authorized Signature

Date: 2006.05.03

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