



ASSOCIAZIONE PER LA CERTIFICAZIONE
DELLE APPARECCHIATURE ELETTRICHE

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Certificate of Conformity

LOVAG-Certificate No. **IT 13.031**

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Apparatus

Four pole modular circuit breaker with electromagnetic release – 500V (U_i)
– 6kV (U_{imp}) – 80A (I_{th}) – 50/60Hz – 27kA at 415V (I_{cs}) –
36kA at 415V (I_{cu})

Designation

DX³ 36kA (Type C80A)

Manufacturer or responsible vendor

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

Tested for: Legrand S.n.c.

Tested by: ACAE Laboratory IB 01

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 (2009-05).

Test sequences: I-II-III at 415V and constructional requirements

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 characteristics assigned by the manufacturer as stated below.

- Rated operational voltage (U_e) : 415V
- Tripping limits according to the declared time/current characteristics
- Dielectric properties : -1,890V – 50Hz – 5sec.
-6kV 1.2/50 μs
- Operating cycles: -without current: 8500
-with current: 1500
- Rated thermal current: 80A
- Rated short-circuit breaking capacity:
-27kA at 415V (I_{cs})
-36kA at 415V (I_{cu})

Responsible Certification Body : ACAE

Virginia Scaroni

Authorized signature

Date: 2013.07.29



PRD N°0708
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

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 issued 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 characteristics of the apparatus Tested, are admitted without written permission from the LOVAG responsible for this Certificate.

Use of this certificate is subject to ACAE certification scheme.



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IEC 60947-2 5.2	Marking
IEC 60947-1 8.2.1 & 8.2.2	Resistance to abnormal heat and to fire
8.2.3	Enclosure for equipment
8.2.4	Mechanical properties of terminals
8.2.5	Effectiveness of indication of the main contact position of equipment suitable for isolation
8.2.6	Conduit pull-out test, torque and bending with metallic conduits
7.2.3.4	Creepage distances
8.2.1.1.1	Tracking index
	Ball pressure (on equipment)

This document includes

Test report No.: 13.043

Issue date: 2013.05.06



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

Responsible Certification Body : ACAE
Virginio Scaroni

Authorized signature

Date: 2013.07.29