



## Certificate of Conformity

LOVAG-Certificate No.: IT 18.001  
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**Apparatus: Low-voltage assembly**

415 V ( $U_n$ ) – 1000 V ( $U_i$ ) – 12 kV ( $U_{imp}$ ) – 50 Hz (f) – 4000 A ( $I_{nA}$ ) – 50 kA ( $I_{cc}$ ) – 50 kA ( $I_{cw}$ ) x 1 s (t) – IP40

**Designation Type: XL<sup>3</sup> S 4000 Arrangement 143 DMX**

**Manufacturer: Legrand SNC**

128, Avenue du Marechal du Lattre de Tassigny  
87045 Limoges Cedex - France

**Applicant: Legrand SNC**

128, Avenue du Marechal du Lattre de Tassigny  
87045 Limoges Cedex - France

**Verified by: ACAE Laboratory:  
IB01 Varese (Italy)**

The apparatus, constructed in accordance with the description mentioned in the Report listed in this Certificate has been subjected to the series of proving verifications in accordance with

IEC 61439-2 Ed.2.0 (2011-08) and EN 61439-2 (2011-10):

- 10.2.2 Resistance to corrosion (Severity A)
- 10.10.2.3.5 Temperature rise
- 10.13 Mechanical operation

The results are shown in the 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 at pages no. 2

This Certificate applies only to the apparatus verified. The responsibility for conformity of any apparatus having the same designation with that verified 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 a member of LOVAG issues a Certificate of Conformity with the above mentioned Standard(s) following the exclusive use of LOVAG Verification instruction wherever applicable.

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



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

**Responsible Certification Body: ACAE**  
Via Tito Livio, 5 – 24123 – BERGAMO (Italy)

Authorized Signature: Virginio Scarioni  
Date: 2018.01.12



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Circuit		Main horizontal busbar	Vertical busbar	Functional Units		
				D1	D2	D3
Rated operational voltage ( $U_e$ ) V		415	415	415	415	415
Rated insulation voltage ( $U_i$ ) V		1000	1000	1000	1000	1000
Loading condition 1	Rated current ( $I_{nc}$ ) A	4000	820	1380	1800	820
	Rated diversity factor	1	1	1	1	1
Loading condition 2	Rated current ( $I_{nc}$ ) A	4000	1130	1265	1605	1130
	Rated diversity factor	1	1	1	1	1
Rated short-time withstand current ( $I_{cw}$ ) kA – (t) s		50–1	50–1	-	-	-
Rated peak withstand current ( $I_{pk}$ ) kA		105	105	-	-	-
Rated conditional short-circuit current ( $I_{cc}$ ) kA		50	50	50	50	50



This document includes : Test report No. 1253  
Issue date: 2018.01.05  
Test report No. 1253-1  
Issue date: 2018.01.05



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