



## Certificate of Conformity

LOVAG-Certificate No.: IT 18.039  
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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.

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**Apparatus Low-voltage assembly**

415 V ( $U_n$ ) – 690 V ( $U_i$ ) – 8 kV ( $U_{imp}$ ) – 50 Hz (f) – 3065 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

**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):

- 10.2.3.2 Resistance to abnormal heat and fire due to internal electric effects
- 10.4 Clearances and creepage distances
- 10.9 Dielectric properties
- 10.10.2.3.5 Temperature rise

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

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



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

Authorized Signature: Virginio Scarioni  
Date: 2018.03.14



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Circuit		D1 Incomer	Main copper busbar	Vertical Alu busbar 2x F7436	Horiz. upper busbar	Vertical Alu busbar 2x F7437
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	3065	3065	2340	1260	1260
	Rated diversity factor	1	1	1	1	1
Loading condition 2	Rated current ( $I_{nc}$ ) A	3065	3065	1115	1115	1115
	Rated diversity factor	1	1	1	1	1
Rated short-time withstand current ( $I_{cw}$ ) kA – (t) s		50–1	50–1	50–1	50–1	50–1
Rated peak withstand current ( $I_{pk}$ ) kA		105	105	105	105	105
Rated conditional short-circuit current ( $I_{cc}$ ) kA		50	50	50	50	50



Circuit		D2	D3	D4	D5	D6	D7
Rated operational voltage ( $U_e$ ) V		415	415	415	415	415	415
Rated insulation voltage ( $U_i$ ) V		1000	1000	690	690	690	690
Loading condition 1	Rated current ( $I_{nc}$ ) A	725	1080	1080	0	180	0
	Rated diversity factor	1	1	1	-	1	-
Loading condition 2	Rated current ( $I_{nc}$ ) A	1950	0	343	470	190	112
	Rated diversity factor	1	-	1	1	1	1
Rated short-time withstand current ( $I_{cw}$ ) kA – (t) s		-	-	-	-	-	-
Rated peak withstand current ( $I_{pk}$ ) kA		-	-	-	-	-	-
Rated conditional short-circuit current ( $I_{cc}$ ) kA		50	50	50	50	50	50

This document includes : Assessment Report No. 1279

Issue date: 2018.02.21

Test Report No. 1279

Issue date: 2018.02.21

Test Report No. 1279-1

Issue date: 2018.02.21

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Authorized Signature: Virginio Scarioni

Date: 2018.03.14