



Certificate of Conformity

LOVAG-Certificate No.: IT 18.138
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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) – 6 kV (U_{imp}) – 50/60 Hz (f) – 630 A (I_{nA}) – 36 kA (I_{cc}) – 36 kA (I_{cw}) x 0,5 s (t) – IP40 – IK08

Designation Type **XL³ S 630 Arrangement 147**

Manufacturer **Legrand SA**

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

Applicant: **Legrand SA**

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
- 10.2.5 Lifting
- 10.2.6 Mechanical impact
- 10.4 Clearance and creepage distances
- 10.5 Protection against electrical shock and integrity of the protective circuit
- 10.6 Incorporation of switching devices and components
- 10.7 Internal electrical circuits and connections
- 10.8 Terminals for external conductors
- 10.9 Dielectric properties
- 10.10.2.3.5 Temperature rise
- 10.11 Short circuit withstand strength
- 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

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: 2018.12.17



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Circuit		Incoming vert. busbar	Horizontal busbar	Functional Units		
				CC5	CC6	D1
Rated operational voltage (U_e) V		415	415	415	415	415
Rated insulation voltage (U_i) V		690	690	690	690	690
Loading condition 1	Rated current (I_{nc}) A	630	176	280	175	176
	Rated diversity factor	1	1	1	1	1
Loading condition 2	Rated current (I_{nc}) A	630	515	0	115	515
	Rated diversity factor	1	1	1	1	1
Rated short-time withstand current (I_{cw}) kA – (t) s		36 – 0,5	36 – 0,5	-	-	-
Rated peak withstand current (I_{pk}) kA		75,6	75,6	-	-	-
Rated conditional short-circuit current (I_{cc}) kA		36	36	36	36	36

Circuit		Functional Units					
		D2	D3	CC3	CC4	CC1	CC2
Rated operational voltage (U_e) V		415	415	415	415	415	415
Rated insulation voltage (U_i) V		690	690	690	690	690	690
Loading condition 1	Rated current (I_{nc}) A	0	0	88	88	0	0
	Rated diversity factor	-	-	1	1	-	-
Loading condition 2	Rated current (I_{nc}) A	117	176	0	112	55	55
	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		36	36	36	36	36	36



This document includes : Assessment report No. 1555

Issue date: 2018.11.07

Test report No. 1169

Issue date: 2017.09.20

Test report No. 1255

Issue date: 2018.01.05

Test report No. 1484

Issue date: 2018.07.25

Test report No. 1528

Issue date: 2018.10.16

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Authorized Signature: Virginio Scarioni

Date: 2018.12.17