Certificate
of Conformity

LOVAG-Certificate No.: IT 18.096

Apparatus **Low-voltage assembly**
415 V (U_n) – 1000 V (U_i) – 6 kV (U_{imp}) – 50 Hz (f) – 2500 A (I_{nA}) – 50 kA (I_{cc}) – 50 kA (I_{cw}) x 1 s (t) – IP40

Designation Type **XL³ S 4000 Arrangement 145**

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):

- 10.4 Clearances and creepage distances
- 10.5 Protection against electric shock and integrity of protective circuit
- 10.9 Dielectric properties
- 10.10.2.3.5 Temperature rise
- 10.11.5.3 Short-circuit withstand strength

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.

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
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: 2018.06.20

Certificate
of Conformity

LOVAG-Certificate No.: IT 18.096

Circuit	MAIn busbar	D1	CC1	CC2	CC3
Rated operational voltage (U_e) V	415	415	415	415	415
Rated insulation voltage (U_i) V	1000	1000	1000	1000	1000
Rated current (I_{nc}) A	2500	950	430	300	110
Rated diversity factor	1	1	1	1	1
Rated short-time withstand current (I_{cw}) kA – (t) s	50–1	--	--	--	--
Rated peak withstand current (I_{pk}) kA	105	--	--	--	--
Rated conditional short-circuit current (I_{cc}) kA	50	50	50	50	50

Circuit	CC4	CC5	CC6	CC7
Rated operational voltage (U_e) V	415	415	415	415
Rated insulation voltage (U_i) V	1000	1000	800	800
Rated current (I_{nc}) A	110	450	225	225
Rated diversity factor	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

This document includes : Test Report No. 1363
Issue date: 2018.05.28

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

ACCREDIA
L'ENTE ITALIANO DI ACCREDITAMENTO
PRD N°070B
Signatory of EA, IAF and ILAC
Mutual Recognition Agreements

Authorized Signature: Virginio Scarioni
Date: 2018.06.20