



Certificate of Conformity

LOVAG-Certificate No.: IT 18.117
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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 - Distribution Board
415 V (U_n) - 160 A (I_n) - 4 kV (U_{imp}) - 16kA (I_{cc})
50-60Hz (f) – IP40 – IK 08

Designation Type: XL³ S 160 4x24M Flush mount

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

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):

- Resistance to corrosion (10.2.2)
- Verification of resistance of insulating materials to abnormal heat and fire due to internal electrical effects (10.2.3.2)
- Mechanical impact (10.2.6)
- Degree of protection (10.3)
- Clearances and creepage distances (10.4)
- Protection against electrical shock and integrity of the protective circuit (10.5.2)
- Incorporation of switching devices and components (10.6)
- Internal electric circuits and connections (10.7)
- Terminal for external conductors (10.8)
- Dielectric properties (10.9)
- Temperature rise (10.10.2.3.5)
- Mechanical operation (10.13)

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 page 2.

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



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

Authorized Signature Virginio Scaroni
Date: 2018.09.12



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Common ratings: IP40 – IK 08

Circuit		Functional Units				
		Main incoming bars	D1	D2 - D3 - D4	D5	D6
Rated operational voltage (U_e) V		415	415	415	415	415
Rated insulation voltage (U_i) V		500	500	500	500	500
Loading condition 1	Rated current (I_{nc}) A	160	112	37,3	48	0
	Rated diversity factor	1	1	1	1	-
Loading condition 2	Rated current (I_{nc}) A	160	0	0	73	14,6
	Rated diversity factor	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		16	16	16	16	16

Circuit		D7 - D8 - D9	D10	D11	D12 - D13 - D14
Rated operational voltage (U_e) V		415	415	415	415
Rated insulation voltage (U_i) V		500	500	500	500
Loading condition 1	Rated current (I_{nc}) A	16	0	0	0
	Rated diversity factor	1	-	-	-
Loading condition 2	Rated current (I_{nc}) A	14,6	14,6	87	29
	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		16	16	16	16



This document includes : Assessment Report No. 1474

Issue date: 2018/07/25
 Test Report No. 1474
 Issue date: 2018/07/25
 Test Report No. 1106
 Issue date: 2017/04/13
 Test Report No. 1119
 Issue date: 2017/04/28
 Test Report No. 1264
 Issue date: 2018/01/05

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: 2018.09.12