



Product Service

Attestation of Conformity

No. N8A 098351 0002 Rev. 00

Holder of Certificate: **Intral S.A. Indústria de Materiais Elétricos**
Travessa Rio Grande 130, Bairro Kayser
95098-750 Caxias do Sul/RS
BRAZIL

Product: **Power supplies
(LED Driver)**

This Attestation of Conformity is issued on a voluntary basis according to the Low Voltage Directive 2014/35/EU relating to electrical equipment designed for use within certain voltage limits. It confirms that the listed equipment complies with the principal protection requirements of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.: 6814020022901

Date, 2020-06-08

(Taylor Yao)



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Model(s):

L4020-CIP4U1050/042N; L4020-CIP4U1050/042XYY;
 L4021-CIP4U0700/042N; L4021-CIP4U0700/042XYY;
 L4022-CIP4U2100/075N; L4023-CIP4U1400/075N;
 L4012-CIP4U1050/075N; L4022-CIP4U2100/075XYY;
 L4023-CIP4U1400/075XYY; L4012-CIP4U1050/075XYY;
 L4024-CIP4U2800/105N; L4025-CIP4U2100/105N;
 L4026-CIP4U1400/105N; L4013-CIP4U1050/105N;
 L4024-CIP4U2800/105XYY; L4025-CIP4U2100/105XYY;
 L4026-CIP4U1400/105XYY; L4013-CIP4U1050/105XYY;
 L4027-CIP4U3200/120N; L4028-CIP4U2100/120N;
 L4029-CIP4U1400/120N; L4030-CIP4U1050/120N;
 L4027-CIP4U3200/120XYY; L4028-CIP4U2100/120XYY;
 L4029-CIP4U1400/120XYY; L4030-CIP4U1050/120XYY;
 L4031-CIP4U4200/150N; L4032-CIP4U3150/150N;
 L4033-CIP4U2100/150N; L4015-CIP4U1500/150N;
 L4014-CIP4U1050/150N; L4031-CIP4U4200/150XYY;
 L4032-CIP4U3150/150XYY; L4033-CIP4U2100/150XYY;
 L4015-CIP4U1500/150XYY; L4014-CIP4U1050/150XYY;
 L4034-CIP4U5560/200N; L4035-CIP4U4900/200N;
 L4036-CIP4U2800/200N; L4037-CIP4U2100/200N;
 L4038-CIP4U1500/200N; L4016-CIP4U1050/200N;
 L4034-CIP4U5560/200XYY; L4035-CIP4U4900/200XYY;
 L4036-CIP4U2800/200XYY; L4037-CIP4U2100/200XYY;
 L4038-CIP4U1500/200XYY; L4016-CIP4U1050/200XYY;
 L4039-CIP4U6700/240N; L4040-CIP4U5000/240N;
 L4041-CIP4U4200/240N; L4042-CIP4U2100/240N;
 L4043-CIP4U1500/240N; L4017-CIP4U1050/240N;
 L4039-CIP4U6700/240XYY; L4040-CIP4U5000/240XYY;
 L4041-CIP4U4200/240XYY; L4042-CIP4U2100/240XYY;
 L4043-CIP4U1500/240XYY; L4017-CIP4U1050/240XYY;
 L4044-CIP4U8900/320N; L4045-CIP4U6700/320N;
 L4046-CIP4U2800/320N; L4047-CIP4U2100/320N;
 L4018-CIP4U1050/320N; L4044-CIP4U8900/320XYY;
 L4045-CIP4U6700/320XYY; L4046-CIP4U2800/320XYY;
 L4047-CIP4U2100/320XYY; L4018-CIP4U1050/320XYY
 ('X' can be C, D, P, L, which stands for different dimming
 function, C= PLC control dimming,
 D= 0-10V or PWM, P= programmable with wire dimming and
 time step dimming, L= DALI dimming;
 'YY' can be 01 to 12, or blank, which stands for auxiliary
 power supply voltage 1V to 12V, in steps of 1V)

Brand:

intral



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Parameters:

Rated Input Voltage: 100-240VAC

Rated Frequency: 50/60Hz

Rated Input Current: See below table for details

Rated Output: See below table for details

Protection against Electric Shock: Class I;

SELV (for models with $U_{out} \leq 120VDC$);Isolating (for models with $U_{out} > 120VDC$)

Degree of Protection: IP67

Method of Installation: Independent

Type of Output: Constant current type

ta: See below table for details

tc: See below table for details

Model No.	Rated Input Current (A) Max.	Output Voltage (VDC)	I _{rated} (A)	U _{out} (VDC)	P _{rated} (W) Max.	ta(°C)	tc (°C)
L4020-CIP4U1050/042N	0.6	20-41	0.63-1.05	60	42	60	90
L4020-CIP4U1050/042XYY	0.6	20-41	0.105-1.05	60	42		
L4021-CIP4U0700/042N	0.6	38-62	0.07-0.7	80	42		
L4021-CIP4U0700/042XYY	0.6	38-62	0.07-0.7	80	42		
L4022-CIP4U2100/075N	1	20-41	1.6-2.67	60	75	60	90
L4023-CIP4U1400/075N	1	38-62	1.13-1.88	90	75		
L4012-CIP4U1050/075N	1	54-108	0.63-1.05	120	75		
L4022-CIP4U2100/075XYY	1	20-41	0.267-2.67	60	75		
L4023-CIP4U1400/075XYY	1	38-62	0.188-1.88	90	75		
L4012-CIP4U1050/075XYY	1	54-108	0.105-1.05	120	75		
L4024-CIP4U2800/105N	1.5	20-41	2.1-3.5	60	105	60	90
L4025-CIP4U2100/105N	1.5	38-62	1.5-2.5	80	105		
L4026-CIP4U1400/105N	1.5	50-100	0.84-1.4	120	105		
L4013-CIP4U1050/105N	1.5	75-150	0.63-1.05	160	105		
L4024-CIP4U2800/105XYY	1.5	20-41	0.35-3.5	60	105		
L4025-CIP4U2100/105XYY	1.5	38-62	0.25-2.5	80	105		
L4026-CIP4U1400/105XYY	1.5	50-100	0.14-1.4	120	105		
L4013-CIP4U1050/105XYY	1.5	75-150	0.105-1.05	160	105		
L4027-CIP4U3200/120N	1.7	20-41	2.1-3.5	60	120	60	90

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After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.



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L4028-CIP4U2100/120N	1.7	38-62	1.5-2.5	80	120		
L4029-CIP4U1400/120N	1.7	50-100	0.84-1.4	120	120		
L4030-CIP4U1050/120N	1.7	75-150	0.63-1.05	160	120		
L4027-CIP4U3200/120XYY	1.7	20-41	0.35-3.5	60	120		
L4028-CIP4U2100/120XYY	1.7	38-62	0.25-2.5	80	120		
L4029-CIP4U1400/120XYY	1.7	50-100	0.14-1.4	120	120		
L4030-CIP4U1050/120XYY	1.7	75-150	0.105-1.05	160	120		
L4031-CIP4U4200/150N	2	20-41	3.24-5.4	60	150	55 (100-200VAC); 60 (200-240VAC)	90
L4032-CIP4U3150/150N	2	38-62	2.16-3.6	80	150		
L4033-CIP4U2100/150N	2	54-108	1.26-2.1	120	150		
L4015-CIP4U1500/150N	2	80-143	0.9-1.5	160	150		
L4014-CIP4U1050/150N	2	107-214	0.63-1.05	240	150		
L4031-CIP4U4200/150XYY	2	20-41	0.54-5.4	60	150		
L4032-CIP4U3150/150XYY	2	38-62	0.36-3.6	80	150		
L4033-CIP4U2100/150XYY	2	54-108	0.21-2.1	120	150		
L4015-CIP4U1500/150XYY	2	80-143	0.15-1.5	160	150		
L4014-CIP4U1050/150XYY	2	107-214	0.105-1.05	240	150		
L4034-CIP4U5560/200N	2.8	20-41	4-6.67	50	200	55 (100-200VAC); 60 (200-240VAC)	90
L4035-CIP4U4900/200N	2.8	38-62	3-5	70	200		
L4036-CIP4U2800/200N	2.8	48-96	1.8-3	110	200		
L4037-CIP4U2100/200N	2.8	70-143	1.26-2.1	150	200		
L4038-CIP4U1500/200N	2.8	96-191	0.9-1.5	200	200		
L4016-CIP4U1050/200N	2.8	143-286	0.63-1.05	300	200		
L4034-CIP4U5560/200XYY	2.8	20-41	0.667-6.67	50	200		
L4035-CIP4U4900/200XYY	2.8	38-62	0.5-5	70	200		
L4036-CIP4U2800/200XYY	2.8	48-96	0.3-3	110	200		
L4037-CIP4U2100/200XYY	2.8	70-143	0.21-2.1	150	200		
L4038-CIP4U1500/200XYY	2.8	96-191	0.15-1.5	200	200	55 (100-200VAC); 60 (200-240VAC)	90 (100-200VAC); 95 (200-240VAC)
L4016-CIP4U1050/200XYY	2.8	143-286	0.105-1.05	300	200		
L4039-CIP4U6700/240N	3.3	20-41	4.5-7.5	60	240		
L4040-CIP4U5000/240N	3.3	38-62	3.43-5.71	80	240		
L4041-CIP4U4200/240N	3.3	43-86	2.52-4.2	100	240		
L4042-CIP4U2100/240N	3.3	85-171	1.26-2.1	190	240		
L4043-CIP4U1500/240N	3.3	114-229	0.9-1.5	250	240		
L4017-CIP4U1050/240N	3.3	171-343	0.63-1.05	370	240		
L4039-CIP4U6700/240XYY	3.3	20-41	0.75-7.5	60	240		
L4040-CIP4U5000/240XYY	3.3	38-62	0.571-5.71	80	240		
L4041-CIP4U4200/240XYY	3.3	43-86	0.42-4.2	100	240		

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L4042-CIP4U2100/240XY	3.3	85-171	0.21-2.1	190	240		
L4043-CIP4U1500/240XY	3.3	114-229	0.15-1.5	250	240		
L4017-CIP4U1050/240XY	3.3	171-343	0.105-1.05	370	240		
L4044-CIP4U8900/320N	4	20-41	6-10	60	320	55 (100-200VAC); 60 (200-240VAC)	90 (100-200VAC); 95 (200-240VAC)
L4045-CIP4U6700/320N	4	38-62	4.5-7.5	80	320		
L4046-CIP4U2800/320N	4	50-143	1.92-3.2	160	320		
L4047-CIP4U2100/320N	4	115-230	1.23-2.11	250	320		
L4018-CIP4U1050/320N	4	228-457	0.66-1.1	480	320		
L4044-CIP4U8900/320XY	4	20-41	1-10.0	60	320		
L4045-CIP4U6700/320XY	4	38-62	0.75-7.5	80	320		
L4046-CIP4U2800/320XY	4	50-143	0.32-3.2	160	320		
L4047-CIP4U2100/320XY	4	115-230	0.211-2.11	250	320		
L4018-CIP4U1050/320XY	4	228-457	0.11-1.1	480	320		

**Tested
according to:**

EN 61347-2-13:2014/A1:2017
EN 61347-1:2015
EN 62493:2015