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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-357**

Date of issue: Wien, 2024 11 20
Rev. No.: 02 Wien, 2025 11 17

OVE the Austrian Electrotechnical Association as signatory to the **"Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment complying with European Standards"** hereby grants the right to label the products mentioned hereunder and listed in the Annex with the Mark(s) shown above to the following company

Licensee: **Tridonic GmbH & Co KG**
Färbergasse 15
6851 Dornbirn
Austria

Product: **Electronic control gears for LED-modules**

Trade Mark: **TRIDONIC**

Series/Type: **LC ... bDW ... PRE. ...**

Basis for this given right is the conformity of the products with the requirements of the relevant Standard(s) as listed in the Annex and the fulfilment of articles 8 and 9 of the ENEC-Agreement by the manufacturer. This licence refers to the tested specimen and to all products manufactured strictly identical to the submitted one.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

Österreichischer Verband für Elektrotechnik
Head of OVE Certification

T. Neumayer

Digitally signed by T. Neumayer
Email=t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



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<i>Hersteller Manufacturer</i>	Tridonic GmbH & Co KG Färbergasse 15 6851 Dornbirn Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	ID: 7590 ID: 87468 ID: 40926
<i>Typenbezeichnung Type reference</i>	LC ... bDW NF SR PRE4, LC ... bDW NF SR+ PRE4, LC ... bDW SC PRE2 ..., LC ... bDW TW SR PRE2, LC ... bDW TW C PRE2, see pages 4 to 6
<i>* Prüfbericht Test Report</i>	TR 7590-0157-01 ECS, TR 7590-0157-01a ECS, TR 7590-0157-02 ECS, TR 7590-0159-01 ECS, TR 7590-0159-02 ECS, TGM-VA EE 37774 to 37776 ECS-2, TGM-VA EE 37871 ECS-2, TGM-VA EE 37872 ECS-2, TGM-VA EE 37873a ECS-2, TGM-VA EE 37874 ECS-2, TGM-VA EE 37875 ECS-2, TGM-VA EE 37776a ECS-1/ECS-2, TR 87837-0046-01 ECS, TGM-VA EE 38420 ECS-2, TR 7590-0074-02, TR 7590-0075-02, TR 7590-0076-02, TR 7590-0077-02, TR 7590-0075-01 ECS, TR 7590-0077-01 ECS, TR 7590-0151-01 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN 61347-1:2021-09-01 OVE EN 61347-2-13:2017-11-01 OVE EN IEC 62384:2021-04-01
<i>Europanorm(en) European Standard(s)</i>	EN 61347-1:2015 + A1:2021 EN 61347-2-13:2014 + A1:2017 EN IEC 62384:2020
<i>* Ersatz für Zertifikat Superseded licence</i>	7590-357 Rev. 01 dated 2024 12 09 Items modified are marked with an asterisk (*)
<i>Anmerkung(en) Remark(s)</i>	Complies with the additional requirements for emergency lighting according Annex J of EN 61347-2-13:2014 + A1:2017.

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<i>Bemessungsversorgungsspannung</i> <i>Rated supply voltage</i>	AC 220-240 V, 50/60 Hz; DC 220-240 V
<i>Bemessungsausgangsstrom (I_{rated})</i> <i>Rated output current (I_{rated})</i>	see pages 4 to 6
<i>Höchste Arbeitsspannung (U-OUT)</i> <i>Maximum working voltage (U-OUT)</i>	see pages 4 to 6
<i>Nennleistung</i> <i>Rated power</i>	see pages 4 to 6
<i>Schutzklasse</i> <i>Class of protection</i>	CI.II
<i>Max. Betriebstemperatur t_c</i> <i>Rated max. operating temperature t_c</i>	see pages 4 to 6
<i>Umgebungstemperatur t_a</i> <i>Rated ambient temperature t_a</i>	see pages 4 to 6
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	see pages 4 to 6
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	Inherently short circuit proof control gears.
<i>Klassifikation</i> <i>Classification</i>	Electronic controlgears providing SELV, constant current type.

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Constant current types:

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load) SELV	Rated output power	Rated max. operating temperature (tc) ¹	Maximum ambient temperature (ta) ¹	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metall (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LC 13/50-300/54 bDW NF SR PRE4	I	50-300	60	12,5	84/85/88/ 89	65/70	110	0,26C - 0,97	P
2	LC 25/200-600/54 bDW NF SR PRE4	I	200-600	60	25	75/76/77/ 78/82	50/55	110	0,42C - 0,98	P
3	LC 44/425-1050/54 bDW NF SR PRE4	I	425-1050	60	43,5	84/85/87/ 89	50/55/60/ 65	110	0,59C - 0,99	P
4	LC 58/750-1400/54 bDW NF SR PRE4	I	750-1400	60	58	77/78/79/ 82/85	50/55/60/ 65	110	0,70C - 0,99	P
5	LC 13/50-300/54 bDW NF SR+ PRE4	I	50-300	60	12,5	87/88/89	70	110	0,26C - 0,97	P
6	LC 25/200-600/54 bDW NF SR+ PRE4	I	200-600	60	25	79/80/81/ 86	50/55	110	0,42C - 0,98	P
7	LC 44/425-1050/54 bDW NF SR+ PRE4	I	425-1050	60	43,5	84/85/87/ 88/89	50/60/65	110	0,59C - 0,99	P
8	LC 58/750-1400/54 bDW NF SR+ PRE4	I	750-1400	60	58	85/86/88	55/60/65/ 70	110	0,70C - 0,99	P

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TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load) SELV	Rated output power	Rated max. operating temperature (tc) ¹	Maximum ambient temperature (ta) ¹	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metall (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
9	LC 10/150-400/40 bDW SC PRE2	B ²	150 - 400	60	10	80	65	110	0,60C - 0,96	P
10	LC 17/250-700/50 bDW SC PRE2	B ²	250 - 700	60	17	75/80	55/60	110	0,67C - 0,96	P
11	LC 25/350-1050/50 bDW SC PRE2	B ²	350 - 1050	60	25	75	55/60	110	0,69C - 0,96	P
12	LC 38/350-1050/50 bDW TW SR PRE2	I	350 - 1050	60	38	75	60	110	0,74C - 0,96	P
13	LC 38/350-1050/50 bDW TW C PRE2	B	350-1050	60	38	80	55/60/65	110	0,76C - 0,96	P
14	LC 45/500-1400/50 bDW SC PRE2	B ²	500-1400	60	45	87/90	50	110	0,76C - 0,98	P

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Constant voltage types:

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output voltage SELV	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor	Case
TRIDONIC									Metal (M) Plastic (P)
			[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LC 35/24V bDW SC PRE2	B ²	24	3,5 - 35	75/80	50/60	110	0,48C - 0,98	P
2	LC 35/24V bDW SC PRE2 SP	B ²	24	3,5 - 35	75/80	50/60	110	0,48C - 0,98	P
3	LC 60/24V bDW SC PRE2	B ²	24	6 - 60	75	50/55/60	110	0,55C - 0,98	P
4	LC 60/24V bDW SC PRE2 SP	B ²	24	6 - 60	75	50/55/60	110	0,55C - 0,98	P
5	LC 100/24V bDW SC PRE2	B ²	24	10 - 100	80	45/50	110	0,58C - 0,99	P
6	LC 100/24V bDW SC PRE2 SP	B ²	24	10 - 100	80	45/50	110	0,58C - 0,99	P
7	LC 150/24V bDW SC PRE2	B ²	24	15 - 150	80/85/90	50/55/60	110	0,61C - 0,99	P
8	LC 150/24V bDW SC PRE2 SP	B ²	24	15 - 150	80/85/90	50/55/60	110	0,61C - 0,99	P

¹ Depending on selected output current or output power, see label and/or datasheet.

² With strain reliefs and terminal cover also useable as independent control gear

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