

OVE Austrian Electrotechnical Association
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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-320**

Date of issue: Wien, 2022 07 07
Rev. No.: 02 Wien, 2025 10 27

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 ... NF SC EXC3**

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
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Dipl.-Ing. T. Neumayer



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<i>Hersteller</i> <i>Manufacturer</i>	Tridonic GmbH & Co KG Färbergasse 15 6851 Dornbirn Austria
<i>Fertigungsstätte(n)</i> <i>Factory location(s)</i>	ID: 7590 ID: 87468 ID: 40926
<i>Typenbezeichnung</i> <i>Type reference</i>	LC ... bDW NF SC EXC3, LC ... Mymesh NF SC EXC3, see page 4
* <i>Prüfbericht</i> <i>Test Report</i>	TR 7590-0023-01 ECS, TR 7590-0023-01a ECS, TR 7590-0023-01b ECS, TR 7590-0023-02 ECS, TR 7590-0023-02a ECS
<i>Nationale Bestimmung(en)</i> <i>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>Europannorm(en)</i> <i>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</i> <i>Superseded licence</i>	7590-320 Rev. 01 dated 2025 03 04 Items modified are marked with an asterisk (*)
* <i>Anmerkung(en)</i> <i>Remark(s)</i>	--

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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 page 4
<i>Höchste Arbeitsspannung (U-OUT)</i> <i>Maximum working voltage (U-OUT)</i>	see page 4
<i>Nennleistung</i> <i>Rated power</i>	see page 4
<i>Schutzklasse</i> <i>Class of protection</i>	Cl. II (only for independent control gears)
<i>Max. Betriebstemperatur t_c</i> <i>Rated max. operating temperature t_c</i>	see page 4
<i>Umgebungstemperatur t_a</i> <i>Rated ambient temperature t_a</i>	see page 4
<i>Maximale Gehäusetemperatur</i> <i>Maximum case temperature</i>	110°C
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	Inherently short circuit proof control gears.
<i>Klassifikation</i> <i>Classification</i>	Built-in electronic controlgears providing SELV with double or reinforced insulation for LED modules, constant current type. With strain reliefs and terminal cover also useable as independent SELV controlgear.

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TRADEMARK / TYPECODE		Classification B...Built-in	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc) ¹	Maximum ambient temperature (ta) ¹	Maximum case temperature	Circuit power factor	Case
TRIDONIC										Metal (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
1	LC 14/100-400/42 bDW NF SC EXC3	B ²	100-400	60 SELV	14	68/74/77	50	110	0,37C-0,92C	P
2	LC 28/300-700/42 bDW NF SC EXC3	B ²	300-700	60 SELV	28	78	45*/50	110	0,49C-0,97	P
3	LC 38/650-1050/42 bDW NF SC EXC3	B ²	650-1050	60 SELV	38	87	45*/50	110	0,57C-0,97	P
4	LC 14/100-400/42 Mymesh NF SC EXC3	B ²	100-400	60 SELV	14	68/74/77	50	110	0,37C-0,92C	P
5	LC 28/300-700/42 Mymesh NF SC EXC3	B ²	300-700	60 SELV	28	78	45*/50	110	0,49C-0,97	P
6	LC 38/650-1050/42 Mymesh NF SC EXC3	B ²	650-1050	60 SELV	38	87	45*/50	110	0,57C-0,97	P

¹ Depending on selected output current, see respective datasheet.

² Independent control gear using clip-on strain-relief parts.

* For built-in use ta = 50°C

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