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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark

Licence No.: **7590-245**

Date of issue: Wien, 2019 03 21
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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

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

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

Trade Mark: **TRIDONIC**

Series/Type: **LC ... bDW ... PRE2 ..**

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 Testing and Certification

Digitally signed by W. Martin
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Dipl.-Ing. W. Martin

OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.

	Hersteller *Manufacturer*	**Tridonic GmbH & Co KG** **Färbergasse 15** **6851 Dornbirn** **Austria**
	Fertigungsstätte(n) *Factory location(s)*	**ID: 7590**
*	*Typenbezeichnung* *Type reference*	**Series LC ... bDW SC PRE2 ..,** **Series LC ... bDW TW SR PRE2,** **Series LC ... bDW TW C PRE2,** **see page 4 and 5**
	Prüfbericht *Test Report*	**TGM-VA EE 37774 ECS-1/ECS-2,** **TGM-VA EE 37775 ECS-1/ECS-2,** **TGM-VA EE 37776 ECS-1/ECS-2,** **TGM-VA EE 37777 ECS-1/ECS-2,** **TGM-VA EE 37871 ECS-1/ECS-2,** **TGM-VA EE 37872 ECS-1/ECS-2,** **TGM-VA EE 37873a ECS-1/ECS-2,** **TGM-VA EE 37874 ECS-1/ECS-2,** **TGM-VA EE 37875 ECS-1/ECS-2,** **TGM-VA EE 37776a ECS-1/ECS-2**
	Nationale Bestimmung(en) *National Standard(s)*	**OVE EN 61347-1:2016-06-01** **OVE EN 61347-2-13:2017-11-01** **ÖVE/ÖNORM EN 62384:2010-05-01**
	Europanorm(en) *European Standard(s)*	**EN 61347-1:2015** **EN 61347-2-13:2014 + A1:2017** **EN 62384:2006 + A1:2009**
*	*Ersatz für Zertifikat* *Superseded licence*	**7590-245 dated 2019 03 21** **Items modified are marked with an asterisk (*)**
	Anmerkung(en) *Remark(s)*	**Complies with the additional requirements for emergency lighting according Annex J of EN 61347-2-13:2014+A1:2017** **CTF Stage 2**

Nennspannung *Rated voltage*	**AC 220-240 V, 50/60 Hz;** **DC 220-240 V**
Nennstrom (sec.) *Rated current (sec.)*	**see page 4 and 5**
Höchste Ausgangsspannung *Max. output voltage*	**see page 4 and 5**
Nennleistung *Rated power*	**see page 4 and 5**
Schutzklasse *Class of protection*	**Cl.II (only for independent controlgears)**
Max. Betriebstemperatur tc *Rated max. operating temperature tc*	**see page 4 and 5**
Umgebungstemperatur ta *Rated ambient temperature ta*	**see page 4 and 5**
Maximale Gehäusetemperatur *Rated maximum case temperature*	**110°C**
Kurzschlußschutz *Short-circuit protection*	**Inherently short circuit proof controlgear**
Klassifikation *Classification*	**Electronic controlgears providing SELV with double or reinforced insulation for LED modules.** **Constant voltage types only for series LC ../24V ... bDW SC PRE2 .., all others are constant current types.**

Constant current types:

TRADEMARK / TYPECODE			Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperarture (tc)	Maximum ambient temperature (ta)	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 10/150-400/40 bDW SC PRE2**	B[1]	150 - 400	60	10	80	65	110	0,96	P
	2	**LC 17/250-700/50 bDW SC PRE2**	B[1]	250 - 700	60	17	75/80	55/60	110	0,96	P
	3	**LC 25/350-1050/50 bDW SC PRE2**	B[1]	350 - 1050	60	25	75	55/60	110	0,96	P
	4	**LC 45/500-1400/50 bDW SC PRE2**	B[1]	500 - 1400	60	45	80/85	50	110	0,98	P
	5	**LC 38/350-1050/50 bDW TW SR PRE2**	I	350 - 1050	60	38	75	50	110	0,96	P
*	6	**LC 38/350-1050/50 bDW TW C PRE2**	B	350-1050	60	38	80	55/60/65	110	0,96	P

[1] With strain reliefs and terminal cover also useable as independent controlgear

Constant voltage types:

TRADEMARK / TYPECODE			Classification B...Built-in	Rated output voltage	Rated output power	Rated max. operating temperarture (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metall (M) Plastic (P)
				[V]	[W]	[°C]	[°C]	[°C]	λ	
	7	**LC 35/24V bDW SC PRE2**	B[2]	24	3,5 - 35	75/80	50/60	110	0,98	P
	8	**LC 35/24V bDW SC PRE2 SP**	B[1]	24	3,5 - 35	75/80	50/60	110	0,98	P
	9	**LC 60/24V bDW SC PRE2**	B[1]	24	6 - 60	75	50/55/60	110	0,98	P
	10	**LC 60/24V bDW SC PRE2 SP**	B[1]	24	6 - 60	75	50/55/60	110	0,98	P
	11	**LC 100/24V bDW SC PRE2**	B[1]	24	10 - 100	80	45/50	110	0,99	P
	12	**LC 100/24V bDW SC PRE2 SP**	B[1]	24	10 - 100	80	45/50	110	0,99	P
	13	**LC 150/24V bDW SC PRE2**	B[1]	24	15 - 150	80/85/90	50/55/60	110	0,99	P
	14	**LC 150/24V bDW SC PRE2 SP**	B[1]	24	15 - 150	80/85/90	50/55/60	110	0,99	P

[2] With strain reliefs and terminal cover also useable as independent controlgear