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# LICENCE

to use the European Mark



Licence No. **7590-231**

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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 ... fixC .. SNC2**

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 & Certification

Digitally signed by W. Martin  
Email=[w.martin@ove.at](mailto:w.martin@ove.at)  
Dipl.-Ing. W. Martin



## OVE Testing & Certification

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<p><i>Hersteller</i> <i>Manufacturer</i></p>	<p><b>Tridonic GmbH &amp; Co KG</b> <b>Färbergasse 15</b> <b>6851 Dornbirn</b> <b>Austria</b></p>
<p><i>Fertigungsstätte(n)</i> <i>Factory location(s)</i></p>	<p><b>Timely Electronics (Shenzhen) Co., Ltd</b> <b>Block A6, Yulv Industrial Zone, Gongming Estate</b> <b>Development Company, Yulv Community Gongming</b> <b>Street</b> <b>Shenzhen City, Guandong Province</b> <b>China</b></p> <p><b>TridonicAtco(Shenzhen) Co., Ltd.</b> <b>1-4 Floor, A-11, 1 Floor, A-10, Silicon Valley Power Ind.,</b> <b>Qing Hu Community, Long Hua District</b> <b>518109 Shenzhen, Guangdong Province</b> <b>China</b></p>
<p><i>Typenbezeichnung</i> <i>Type reference</i></p>	<p><b>Series LC ... fixC .. SNC2,</b> <b>see pages 4 to 7</b></p>
<p><i>Prüfbericht</i> <i>Test Report</i></p>	<p><b>TGM-VA EE 37528 ECS-1/ECS-2 to TGM-VA EE 37535 ECS-1/ECS-2,</b> <b>TGM-VA EE 37549 ECS-1/ECS-2 to TGM-VA EE 37560 ECS-1/ECS-2</b></p>
<p><i>Nationale Bestimmung(en)</i> <i>National Standard(s)</i></p>	<p><b>OVE EN 61347-1:2016-06-01</b> <b>OVE EN 61347-2-13:2017-11-01</b> <b>ÖVE/ÖNORM EN 62384:2010-05-01</b></p>
<p><i>Europannorm(en)</i> <i>European Standard(s)</i></p>	<p><b>EN 61347-1:2015</b> <b>EN 61347-2-13:2014 + A1:2017</b> <b>EN 62384:2006 + A1:2009</b></p>
<p><i>Ersatz für Zertifikat</i> <i>Superseded licence</i></p>	<p>--</p>
<p><i>Anmerkung(en)</i> <i>Remark(s)</i></p>	<p><b>WMT-procedure</b></p>

<i>Nennspannung</i> <i>Rated voltage</i>	<b>220-240 V, 50/60 Hz</b>
<i>Nennstrom (sec.)</i> <i>Rated current (sec.)</i>	<b>see pages 4 to 7</b>
<i>Höchste Ausgangsspannung</i> <i>Max. output voltage</i>	<b>SELV, see pages 4 to 7</b>
<i>Nennleistung</i> <i>Rated power</i>	<b>see pages 4 to 7</b>
<i>Schutzklasse</i> <i>Class of protection</i>	<b>CI.II (only for independent controlgears)</b>
<i>Max. Betriebstemperatur <math>t_c</math></i> <i>Rated max. operating temperature <math>t_c</math></i>	<b>see pages 4 to 7</b>
<i>Maximale Gehäusetemperatur</i> <i>Rated maximum case temperature</i>	<b>110°C</b>
<i>Kurzschlußschutz</i> <i>Short-circuit protection</i>	<b>Inherently short circuit proof.</b>
<i>Klassifikation</i> <i>Classification</i>	<b>Electronic controlgears providing SELV with double or reinforced insulation for LED modules, constant current type.</b>

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metal (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	$\lambda$	
1	LC 30/350/86 fixC SR SNC2	I	350	100	30,1	75	50	110	0,95	P
2	LC 30/500/54 fixC SR SNC2	I	500	60	27	75	50	110	0,95	P
3	LC 30/600/50 fixC SR SNC2	I	600	60	30	75	50	110	0,95	P
4	LC 30/700/43 fixC SR SNC2	I	700	60	30,1	80	50	110	0,95	P
5	LC 30/350/86 fixC SC SNC2	B <sup>1</sup>	350	100	30,1	75	50	110	0,95	P
6	LC 30/500/54 fixC SC SNC2	B <sup>1</sup>	500	60	27	75	50	110	0,95	P
7	LC 30/600/50 fixC SC SNC2	B <sup>1</sup>	600	60	30	75	50	110	0,95	P
8	LC 30/700/43 fixC SC SNC2	B <sup>1</sup>	700	60	30,1	80	50	110	0,95	P
9	LC 35/800/43 fixC SR SNC2	I	800	60	34,4	85	50	110	0,95	P
10	LC 35/900/39 fixC SR SNC2	I	900	60	35,1	85	50	110	0,95	P
11	LC 35/800/43 fixC SC SNC2	B <sup>1</sup>	800	60	34,4	85	50	110	0,95	P
12	LC 35/900/39 fixC SC SNC2	B <sup>1</sup>	900	60	35,1	85	50	110	0,95	P
13	LC 40/700/54 fixC SR SNC2	I	700	60	37,8	85	50	110	0,95	P
14	LC 40/800/50 fixC SR SNC2	I	800	60	40	85	50	110	0,95	P
15	LC 40/900/45 fixC SR SNC2	I	900	60	40,5	80	50	110	0,95	P
16	LC 40/1050/39 fixC SR SNC2	I	1050	60	41	85	50	110	0,95	P
17	LC 40/700/54 fixC SC SNC2	B <sup>1</sup>	700	60	37,8	85	50	110	0,95	P

<sup>1</sup> With strain reliefs and terminal cover also useable as independent controlgear

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metal (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	$\lambda$	
18	LC 40/800/50 fixC SC SNC2	B <sup>1</sup>	800	60	40	85	50	110	0,95	P
19	LC 40/900/45 fixC SC SNC2	B <sup>1</sup>	900	60	40,5	80	50	110	0,95	P
20	LC 40/1050/39 fixC SC SNC2	B <sup>1</sup>	1050	60	41	85	50	110	0,95	P
21	LC 25/350/71 fixC SR SNC2	I	350	100	25	70	50	110	0,93C	P
22	LC 25/500/43 fixC SR SNC2	I	500	60	21,5	65	50	110	0,90C	P
23	LC 25/600/42 fixC SR SNC2	I	600	60	25,2	70	50	110	0,93C	P
24	LC 25/700/36 fixC SR SNC2	I	700	50	25,2	70	50	110	0,93C	P
25	LC 25/350/71 fixC SC SNC2	B <sup>1</sup>	350	100	25	70	50	110	0,93C	P
26	LC 25/500/43 fixC SC SNC2	B <sup>1</sup>	500	60	21,5	65	50	110	0,90C	P
27	LC 25/600/42 fixC SC SNC2	B <sup>1</sup>	600	60	25,2	70	50	110	0,93C	P
28	LC 25/700/36 fixC SC SNC2	B <sup>1</sup>	700	50	25,2	70	50	110	0,93C	P
29	LC 45/1050/43 fixC SR SNC2	I	1050	60	45,2	90	50	110	0,95	P
30	LC 45/1050/43 fixC SC SNC2	B <sup>1</sup>	1050	60	45,2	90	50	110	0,95	P
31	LC 50/900/54 fixC SR SNC2	I	900	60	48,6	80	50	110	0,95	P
32	LC 50/1200/42 fixC SR SNC2	I	1200	60	50,4	85	50	110	0,95	P
33	LC 50/900/54 fixC SC SNC2	B <sup>1</sup>	900	60	48,6	80	50	110	0,95	P
34	LC 50/1200/42 fixC SC SNC2	B <sup>1</sup>	1200	60	50,4	85	50	110	0,95	P

<sup>1</sup> With strain reliefs and terminal cover also useable as independent controlgear

TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (tc)	Maximum ambient temperature (ta)	Maximum case temperature	Circuit power factor (230V, 50Hz, full load)	Case
TRIDONIC										Metal (M) Plastic (P)
			[mA]	[V]	[W]	[°C]	[°C]	[°C]	λ	
35	LC 60/700/86 fixC SR SNC2	I	700	100	60,2	85	50	110	0,95	P
36	LC 60/1050/54 fixC SR SNC2	I	1050	60	56,7	85	50	110	0,95	P
37	LC 60/1200/50 fixC SR SNC2	I	1200	60	60	80	50	110	0,95	P
38	LC 60/1400/43 fixC SR SNC2	I	1400	60	60,2	85	50	110	0,95	P
39	LC 60/700/86 fixC SC SNC2	B <sup>1</sup>	700	100	60,2	85	50	110	0,95	P
40	LC 60/1050/54 fixC SC SNC2	B <sup>1</sup>	1050	60	56,7	85	50	110	0,95	P
41	LC 60/1200/50 fixC SC SNC2	B <sup>1</sup>	1200	60	60	80	50	110	0,95	P
42	LC 60/1400/43 fixC SC SNC2	B <sup>1</sup>	1400	60	60,2	85	50	110	0,95	P
43	LC 8/180/44 fixC SR SNC2	I	180	100	8	75	50	110	0,5C	P
44	LC 8/200/40 fixC SR SNC2	I	200	100	8	75	50	110	0,5C	P
45	LC 8/180/44 fixC SC SNC2	B <sup>1</sup>	180	100	8	75	50	110	0,5C	P
46	LC 8/200/40 fixC SC SNC2	B <sup>1</sup>	200	100	8	75	50	110	0,5C	P
47	LC 10/250/40 fixC SR SNC2	I	250	100	10	80	50	110	0,55C	P
48	LC 10/350/29 fixC SR SNC2	I	350	75	10	80	50	110	0,55C	P
49	LC 10/500/20 fixC SR SNC2	I	500	60	10	80	50	110	0,55C	P
50	LC 10/700/14.5 fixC SR SNC2	I	700	50	10	80	50	110	0,55C	P
51	LC 10/250/40 fixC SC SNC2	B <sup>1</sup>	250	100	10	80	50	110	0,55C	P

<sup>1</sup> With strain reliefs and terminal cover also useable as independent controlgear



TRADEMARK / TYPECODE		Classification B...Built-in I...Independent	Rated output current	Maximum output voltage (no-load)	Rated output power	Rated max. operating temperature (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]	$\lambda$	
52	LC 10/350/29 fixC SC SNC2	B <sup>1</sup>	350	75	10	80	50	110	0,55C	P
53	LC 10/500/20 fixC SC SNC2	B <sup>1</sup>	500	60	10	80	50	110	0,55C	P
54	LC 10/700/14.5 fixC SC SNC2	B <sup>1</sup>	700	50	10	80	50	110	0,55C	P
55	LC 15/300/50 fixC SR SNC2	I	300	85	15	80	50	110	0,55C	P
56	LC 15/350/43 fixC SR SNC2	I	350	85	15	80	50	110	0,55C	P
57	LC 15/500/30 fixC SR SNC2	I	500	60	15	85	50	110	0,55C	P
58	LC 15/600/25 fixC SR SNC2	I	600	60	15	85	50	110	0,55C	P
59	LC 15/300/50 fixC SC SNC2	B <sup>1</sup>	300	85	15	80	50	110	0,55C	P
60	LC 15/350/43 fixC SC SNC2	B <sup>1</sup>	350	85	15	80	50	110	0,55C	P
61	LC 15/500/30 fixC SC SNC2	B <sup>1</sup>	500	60	15	85	50	110	0,55C	P
62	LC 15/600/25 fixC SC SNC2	B <sup>1</sup>	600	60	15	85	50	110	0,55C	P

<sup>1</sup> With strain reliefs and terminal cover also useable as independent controlgear