



(13)
(14)

Schedule

EU-Type Examination Certificate no.

TPS 19 ATEX 104105 0001 X Rev. 00

Certificate History

Revision:	Description:	Report no.:	Issue Date:
Rev. 00	First issue.	88.500.19.047.01	30.09.2019

(15)

Description of equipment:

LNK-LB-03B is emergency lifesaving light to be installed with lifebuoy. When the life buoy it connected with have been thrown into the water, it will be automatically pulled out from the bracket by the connecting rope and drop into the water with the life buoy. After the light drop into the water, it can automatically float on the water surface with the lamp head upwards and continuously output flashing light signals. which can uninterruptedly indicate the lifebuoy position to increase the success rate of rescue

The equipment is suitable for use in Zone 0, Zone 1 and Zone 2. The equipment has two 3.0V primary batteries.

Model designation:

LNK-LB-03B.

Model difference:

N/A.

Technical data:

Product name	Lifebuoy light
Product type	LNK-LB-03B
Environmental Temperature	-35°C≤T≤+85°C
Max. Nominal Current	200mA
Battery	CR123A
Light Source	LED
Chromaticity	White
Flash Frequency	50~70times/min
Luminous Intensity	≥2.0cd
Operation Life	At least 15h over 2cd under flashing status
Weight	220g
Dimension	Main body: Φ90*133mm
Activation	Water-activation automatically

Certificates without signature shall not be valid. The Certificates may only be circulated in full including its schedule(s). Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH. In case of dispute, the German text shall prevail. The document is administrated under the following number: EX5A 104105 0001 Rev. 00





Product Service

(13)

Schedule

(14)

**EU-Type Examination Certificate no.
TPS 19 ATEX 104105 0001 X Rev. 00**

Warning label:

WARNING - DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE IS PRESENT
WARNING - POTENTIAL ELECTROSTATIC CHARGING HAZARD – SEE INSTRUCTIONS

Installation instruction:

See installation instructions provided by the manufacturer and part of this certification.

See also (17) Special conditions for safe use.

(16)

Test report(s): 88.500.19.047.01

Routine tests:

None.

Document List:

File no.:	Description:	Pages:	Rev:	Date:
LB-03B-A00	General Assembly Drawing	1	V0	2019-04-23
LB-03B-Label	Label	1	V0	2019-04-23
LB-03B-SS	PCB layout	1	V0	2019-04-23
LB-03B-Schematic	Circuit Principle Diagram	1	V0	2019-04-23
-	Fuse Specification (Littelfuse)	2	-	-
-	Fuse Specification (JDT fuse)	4	-	-
-	Resistor specification (Fenghua)	24	R-5.6	-
-	Resistor specification (UR)	3	-	-
IE-SP-007	Resistor specification (Ralec)	22	-	2011-05-19
-	Resistor specification (Yageo)	9	V.9	2017-12-12
-	Battery specification (Huiderui)	1	-	2019-07-12
-	Battery specification (Ramway)	2	V150 8	-
-	LED Specification (Jingtian)	8	-	2011-12-12
-	Instruction manual	5	V0	2019-04-11
DOC-03B-01	Declaration of Conformity (draft)	2	A0	2019-09-01

A copy of the full documentation is kept confidentially at TÜV SÜD files.

Certificates without signature shall not be valid. The Certificates may only be circulated in full including its schedule(s). Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH. In case of dispute, the German text shall prevail. The document is administrated under the following number: EX5A 104105 0001 Rev. 00



Product Service

Schedule

(13) **EU-Type Examination Certificate no.**
TPS 19 ATEX 104105 0001 X Rev. 00

(17) Special conditions for safe use:

- 1) Ambient temperature: $-35^{\circ}\text{C} \leq T_a \leq +85^{\circ}\text{C}$.
- 2) Under certain extreme circumstances, exposed plastic and unearthed metal parts of the enclosure may store an ignition-capable level of electrostatic charge. Therefore, the user/installer shall implement precautions to prevent the build-up of electrostatic charge, e.g. locate the equipment where a charge-generating mechanism (such as wind-blown dust) is unlikely to be present and clean with a damp cloth only.
- 3) The batteries are integrated in the design of the equipment and they cannot be replaced by the end-user.

(18) Essential health and safety requirements:

Assured by compliance with standards set out in (9).

Certificates without signature shall not be valid. The Certificates may only be circulated in full including its schedule(s). Extracts or alterations are subject to approval by TÜV SÜD Product Service GmbH. In case of dispute, the German text shall prevail. The document is administrated under the following number: EX5A 104105 0001 Rev. 00