

[1] EC-TYPE EXAMINATION CERTIFICATE
**[2] Component Intended for use on/in equipment or protective system
intended for use in Potentially explosive atmospheres
Directive 94/9/EC**

- [3] **EC-Type Examination Certificate Number:** Nemko 07ATEX1273U Issue 1
- [4] **Component:** Lamp holder for fluorescent lamps
- [5] **Applicant:** Barel A/S
[6] **Address:** Kaiveien 2
N-9917 Kirkenes
NORWAY
- [5] **Manufacturer:** Barel A/S
[6] **Address:** Kaiveien 2
N-9917 Kirkenes
NORWAY
- [7] This Component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] Nemko AS, notified body number 0470 in accordance with Article 9 of Council Directive 94/9/EC of 23 March 1994, certifies that this equipment or protective system has been found to comply with the Essential Health and Safety requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive.
The examination and test results are recorded in confidential report no. 164541
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
CENELEC EN 60079-0:2009 and CENELEC EN 60079-7:2007
- [10] The sign “U” placed after the certificate number indicates that this certificate must not be mistaken for a certificate intended for an equipment or protective system. This partial certification may be used as a basis for certification of an equipment or protective system.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC.
Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate.
- [12] The marking of the component shall include the following:



II 2G

Ex e II

Oslo, 2011-01-13



Rolf Hoel

Certification Manager, Ex-products

[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 07ATEX1273U Issue 1

[15] Description of Component

The unit is a lamp holder for use in lamps for fluorescent light sources. The lamp holder can accept lamps with standard sizes T5 and T8. The holder can be used for service temperatures between -30°C and +100°C

Type Designations

- THX T5/T8
- THX T5/T8 Slim
- THX T5/T8 Double
- THX T5/T8 Slim Double

Technical Data

2A 660V

[16] Report No. : 164541

Issue	Date	Report	Description
0	2008-04-09	96969	Prime Certificate released
1	2011-01-13	164541	Certificate extended to include new versions of lamp holder: Double and Slim Double

Descriptive Documents

Title/Description	Name/Number	Rev.	Date	Sheets
Instructions Ex Lampholder THX 17mm	0001	005	2008-02-28	2
Lampholder THX T8/T5 Dual	106029-1.0	C	2007-12-20	1
Lampholder THX T8/T5 Dual in pairs	106029-2.0	-	2010-12-20	1
Lampholder THX T8/T5 Dual	106029-2.0	B	2010-12-20	1
Contact spring Lampholder Barel THX T8/T5	106029-1.1	-	2008-03-04	1
Contact spring dual lampholder Barel THX T8/T5	106029-2.1	D	2010-11-12	2
Lampholder THX T8/T5 12mm	106029-2.0	C	2008-03-04	1
Lampholder THX T8/T5 12 mm Wide base	-	B	2008-01-14	1

Routine Test

None

[17] Schedule of Limitations

1. The fluorescent lamp holders shall only be used in within the service temperature range -30°C to + 96°C
2. The lamp holders shall be mounted completely within an Ex e luminaire enclosure. When fitting the lamp holders, the luminaire must be vibration tested in accordance with the requirements of EN 60079-7:2007, Clause 6.3.4.
3. When mounted within an Ex e luminaire, the lamp holders shall comply with the requirements of EN 60079-7:2007 Clause 5.3.7.4
4. The lamp holders are to be mounted on a solid insulating plate to ensure that the creepage and clearance distances of EN 60079-7:2007, Table 1 are met. Creepage and clearance distance shall also be met under EN60079-7:2007 Clause 5.3.7.5 starting impulse conditions.

[18] Essential Health and Safety Requirements

See item 9

