



DNV



DET NORSKE VERITAS

EC-TYPE EXAMINATION CERTIFICATE

- [2] **EQUIPMENT OR PROTECTIVE SYSTEM INTENDED FOR USE IN POTENTIALLY EXPLOSIVE ATMOSPHERES DIRECTIVE 94/9/EC**
- [3] EC-Type Examination Certificate Number: **DNV 11 ATEX 95876**
- [4] Equipment or Protective System: **Full Plastic Explosion-proof Plugs and Sockets Z0252...**
- [5] Applicant – Manufacturer: **INDEX ELEKTRO BV**
- [6] Address: **Harregatplein 15
3214 VP Zuidland, Netherlands**
- [7] This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.
- [8] DNV, notified body number 0575 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 reports listed in section 14.
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-7: 2007, EN 61241-0: 2006 and EN 61241-1: 2004
- [10] If the sign “X” is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- [11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design and construction of the specified equipment or protected system. If applicable, further requirements of this Directive apply to the manufacturer and supply of this equipment or protective system.
- [12] The marking of the equipment or protective system shall include the following:



II 2 GD

Ex de IIC T6 (Ta≤+40°C) / T5 (Ta≤+55°C) Gb

Ex tD A21 T80°C (Ta≤+40°C) / T95°C(Ta≤+55°C) IP66

Høvik, 2011-05-27
for Det Norske Veritas AS

Marianne Spæren
Certification Manager



Notice: This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.

The digitally signed and electronically distributed document is the original and valid certificate. Ref.: www.dnv.com/digitalsignatures

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



[13]

Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No.: DNV 11 ATEX 95876

Certificate History

Revision	Description	Report no.	Issue date
-	Original certificate	2011-3246	2011-05-27

[15] **Description of Equipment or Protective System**

The socket and plug composes a plug-and-socket device. The type of protection is Flameproof Enclosure and Increased Safety / Protection by Enclosure. The socket and plug is inclusive wall type and coupler type.

Type Identification

Z	02	5	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
0: No auxiliary								
4: With auxiliary, 1NO								
Voltage								
Poles								
1: Wall type socket								
3: Coupler type								
4: Plug								
Code of rated current: 32 A								
Code of product type: Series of plug and sockets								
Year number of design and development of product								
Abbreviation code of manufacturer name								

Ambient temperature

$-40^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C} / +55^{\circ}\text{C}$

Electrical Data

Rated current: 32A

Rated voltage: 4-poles-up to 690VAC, 5-poles-up to 500VAC, 50/60Hz

Degrees of protection (IP Code)

IP66

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[16] Project No.: PRJC-301908-2011-PRC

Descriptive Documents

As listed in confidential report 2011-3246

Routine tests

- A routine dielectric test according to 7.1 of EN60079-7 must be carried out.

[17] Special Conditions for Safe Use

None

[18] Essential Health and Safety Requirements

See part 9 of this certificate

END OF CERTIFICATE

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 300.000. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.