

[1] 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:** Nemko 12ATEX1044 **Issue 0**
- [4] Equipment or Protective System:** Explosion-proof plug and socket
- [5] Applicant/ Manufacturer:** Warom Technology incorporated Company
- [6] Address:** No. 555, Baoqian Road,
Jiading District. Shanghai,
P.R China
- [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] 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. 207736
- [9] Compliance with the Essential Health and Safety Requirements has been assured by compliance with:**
EN 60079-0: 2009, EN 60079-1: 2007, EN 60079-31: 2009
- [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, 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 equipment or protective system shall include the following:**



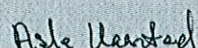
II 2G

Ex d IIC T6 Gb, $-60^{\circ}\text{C} \leq \text{Ta} \leq 55^{\circ}\text{C}$

II 2D

Ex t IIIC T80°C Db IP66

Oslo, 2012-05-25



Asle Kaastad

Certification Manager, Ex-products

This certificate may only be reproduced in its entirety and without any change, schedule included.

[13] Schedule

[14] EC-TYPE EXAMINATION CERTIFICATE No Nemko 12ATEX1044 Issue 0

[15] Description of Equipment or Protective System

This Certificate covers explosion-proof electrical connectors.

Technical Data

Max. 32A 690VAC

Ingress Protection Code

IP66

Type designation key example

BCZ 85 - □ / □ / □

3P: 2P+PE, 4P: 3P+PE, 5P: 3P+N+PE
 690: 600-690VAC, 347/600-400/690VAC
 500: 480-500VAC, 277/480-288/500VAC
 415: 380-415VAC, 200/346-240/415VAC
 250: 200-250VAC, 120/208-144/250VAC
 130: 100-130VAC, 57/100-75/130VAC
 16, 32A
 Size
 Type

[16] Report No. 207736

Descriptive Documents

Title/Description	Rev.	Date	Name/Number	Sheets
Drawings list	EDITION 1.0	2011-12-10	2HRW 000 088 TM	1
Parts and Components list	EDITION 1.0	2011-12-10	2HRW 000 088 MX	1
BCZ85-16/3P/4P Series Explosion-proof Plug and Socket General assembly drawing	EDITION 1.0	2011-12-10	2HRW 000 088.1-7	1
BCZ85-16/5P Series Explosion-proof Plug and Sockets General assembly drawing	EDITION 1.0	2011-12-10	2HRW 000 090.1-5	1
Nameplate	EDITION 1.0	2011-12-10	4HRW 110 137	1
socket core assembly 3P/4P	EDITION 1.0	2011-12-10	2HRW 010 061.1-7	1
Plug assembly 3P/4P	EDITION 1.0	2011-12-10	2HRW 010 062.1-7	1
Socket core assembly 5P	EDITION 1.0	2011-12-10	2HRW 010 063.1-5	1
Plug assembly 5P	EDITION 1.0	2011-12-10	2HRW 010 064.1-5	1
Body	EDITION 1.0	2011-12-10	2HRW 020 075	1
Connecting sleeve	EDITION 1.0	2011-12-10	2HRW 020 076	1
Socket core base	EDITION 1.0	2011-12-10	2HRW 020 077	1
Plug cylinder	EDITION 1.0	2011-12-10	2HRW 020 078	1
Socket core bush	EDITION 1.0	2011-12-10	2HRW 020 079	1
Outlet sleeve	EDITION 1.0	2011-12-10	2HRW 020 080	1
Cover	EDITION 1.0	2011-12-10	2HRW 050 016.2	1

This certificate may only be reproduced in its entirety and without any change, schedule included.

Switch	EDITION 1.0	2011-12-10	2HRW 010 058	1
Inserting rod sleeve assembly	EDITION 1.0	2011-12-10	2HRW 010 057.1-2	1
Conducting spring strip 1	EDITION 1.0	2011-12-10	WM8HR 588 260	1
Conducting spring strip 2	EDITION 1.0	2011-12-10	WM8HR 588 261	1
Compression spring	EDITION 1.0	2011-12-10	2HRW 090 156	1
Limit board	EDITION 1.0	2011-12-10	2HRW 090 157	1
Switch mounting board	EDITION 1.0	2011-12-10	2HRW 090 158	1
Switch operating board	EDITION 1.0	2011-12-10	2HRW 090 159	1
Inserting rod sleeve 5	EDITION 1.0	2011-12-10	2HRW 090 160.1-2	1
Inserting rod sleeve 7	EDITION 1.0	2011-12-10	2HRW 090 161.1-2	1
Inserting rod 5	EDITION 1.0	2011-12-10	2HRW 090 162	1
Inserting rod 7	EDITION 1.0	2011-12-10	2HRW 090 163	1
Stanchion 3P/4P	EDITION 1.0	2011-12-10	2HRW 090 164	1
Stanchion 5P	EDITION 1.0	2011-12-10	2HRW 090 173	1
Stanchion 5P	EDITION 1.0	2011-12-10	2HRW 090 174	1
Clamping sleeve	EDITION 1.0	2011-12-10	2HRW 100 046.1-5	1
Clamping sleeve baffle board	EDITION 1.0	2011-12-10	2HRW 100 047.1-5	1
Socket core pressing cover 4P	EDITION 1.0	2011-12-10	2HRW 100 048	1
Socket core 4P	EDITION 1.0	2011-12-10	2HRW 100 049	1
Plug core 4P	EDITION 1.0	2011-12-10	2HRW 100 050	1
Plug core pressing cover 4P	EDITION 1.0	2011-12-10	2HRW 100 051	1
Socket core pressing cover 3P	EDITION 1.0	2011-12-10	2HRW 100 052	1
Socket core 3P	EDITION 1.0	2011-12-10	2HRW 100 053	1
Plug core 3P	EDITION 1.0	2011-12-10	2HRW 100 054	1
Plug core pressing cover 3P	EDITION 1.0	2011-12-10	2HRW 100 055	1
socket core pressing cover 5P	EDITION 1.0	2011-12-10	2HRW 100 056	1
Socket core 5P	EDITION 1.0	2011-12-10	2HRW 100 057	1
Plug core pressing cover 5P	EDITION 1.0	2011-12-10	2HRW 100 058	1
Plug core pressing cover 5P	EDITION 1.0	2011-12-10	2HRW 100 059	1
Sealing gasket	EDITION 1.0	2011-12-10	2HRW 100 060	1
Dust-proof cover	EDITION 1.0	2011-12-10	2HRW 100 062.1-6	1
Marking plate	EDITION 1.0	2011-12-10	4HRW 110 138	1
Assembly of wiring base	EDITION 1.0	2011-12-10	WM5HR 512 029	1
Assembly of wiring screw	EDITION 1.0	2011-12-10	WM5HR 906 004	1
Plug	EDITION 1.0	2011-12-10	WM8HR 178 019.1-3	1
Cover of terminal	EDITION 1.0	2011-12-10	WM8HR 305 002	1
Wiring board	EDITION 1.0	2011-12-10	WM8HR 570 201	1
Conducting strip	EDITION 1.0	2011-12-10	WM8HR 588 228	1
Marking pad printing board	EDITION 1.0	2011-12-10	WM8HR 865 419	1
Screw	EDITION 1.0	2011-12-10	WM8HR 903 207	1
Tile gasket	EDITION 1.0	2011-12-10	WM8HR 950 224	1
Drawings list	EDITION 1.0	2011-12-10	2HRW 000 085 TM	1
Parts and Components list	EDITION 1.0	2011-12-10	2HRW 000 085 MX	1
BCZ85-32 Series Explosion-proof Plug and Sockets General assembly drawing	EDITION 1.0	2011-12-10	2HRW 000 085.1-8	1
Nameplate	EDITION 1.0	2011-12-10	4HRW 110 137	1
socket core assembly	EDITION 1.0	2011-12-10	2HRW 010 055.1-9	1
Plug assembly	EDITION 1.0	2011-12-10	2HRW 010 056.1-9	1
Inserting rod sleeve assembly	EDITION 1.0	2011-12-10	2HRW 010 047.1-2	1
Switch	EDITION 1.0	2011-12-10	2HRW 010 048	1
Body	EDITION 1.0	2011-12-10	2HRW 020 062	1
Overhaul cover	EDITION 1.0	2011-12-10	1HRW 020 032.1	1
Connecting sleeve	EDITION 1.0	2011-12-10	2HRW 020 063	1
Socket core base	EDITION 1.0	2011-12-10	2HRW 020 064	1
Socket core bush	EDITION 1.0	2011-12-10	2HRW 020 065	1
Plug cylinder	EDITION 1.0	2011-12-10	2HRW 020 066	1
Outlet sleeve	EDITION 1.0	2011-12-10	2HRW 020 067	1
Compression spring	EDITION 1.0	2011-12-10	2HRW 090 145	1

This certificate may only be reproduced in its entirety and without any change, schedule included.

Postal address:
P.O.Box 73 Blindern
N-0314 OSLO, NORWAY

Office address:
Gautadalléen 30
0373 OSLO

Telephone:
+47 22 96 03 30
Fax:
+47 22 96 05 50

Enterprise number:
NO 974404532

Limit board	EDITION 1.0	2011-12-10	2HRW 090 146	1
Switch mounting board	EDITION 1.0	2011-12-10	2HRW 090 147	1
Switch operating board	EDITION 1.0	2011-12-10	2HRW 090 148	1
Inserting rod sleeve 6	EDITION 1.0	2011-12-10	2HRW 090 149	1
Inserting rod sleeve 8	EDITION 1.0	2011-12-10	2HRW 090 150	1
Inserting rod 6	EDITION 1.0	2011-12-10	2HRW 090 151	1
Inserting rod 8	EDITION 1.0	2011-12-10	2HRW 090 152	1
Stanchion	EDITION 1.0	2011-12-10	2HRW 090 153	1
Conducting spring strip 1	EDITION 1.0	2011-12-10	WM8HR 588 266	1
Conducting spring strip 2	EDITION 1.0	2011-12-10	WM8HR 588 267	1
Clamping sleeve	EDITION 1.0	2011-12-10	2HRW 100 031.1-4	1
Clamping sleeve baffle board	EDITION 1.0	2011-12-10	2HRW 100 032.1-4	1
Socket core pressing cover 5P	EDITION 1.0	2011-12-10	2HRW 100 033	1
Socket core 5P	EDITION 1.0	2011-12-10	2HRW 100 034	1
Plug core 5P	EDITION 1.0	2011-12-10	2HRW 100 035	1
Plug core pressing cover 5P	EDITION 1.0	2011-12-10	2HRW 100 036	1
Socket core pressing cover 4P	EDITION 1.0	2011-12-10	2HRW 100 037	1
socket core 4P	EDITION 1.0	2011-12-10	2HRW 100 038	1
Plug core 4P	EDITION 1.0	2011-12-10	2HRW 100 039	1
Plug core pressing cover 4P	EDITION 1.0	2011-12-10	2HRW 100 040	1
Socket core pressing cover 3P	EDITION 1.0	2011-12-10	2HRW 100 041	1
Socket core 3P	EDITION 1.0	2011-12-10	2HRW 100 042	1
plug core 3P	EDITION 1.0	2011-12-10	2HRW 100 043	1
plug core pressing cover 3P	EDITION 1.0	2011-12-10	2HRW 100 044	1
Sealing gasket	EDITION 1.0	2011-12-10	2HRW 100 045	1
Dust-proof cover	EDITION 1.0	2011-12-10	2HRW 100 061.1-3	1
Marking plate	EDITION 1.0	2011-12-10	4HRW 110 138	1
Plug	EDITION 1.0	2011-12-10	WM8HR 178 019.1-3	1
Earthing screw	EDITION 1.0	2011-12-10	2HRW 090 179.1-4	1

Certificate History and Associated Nemko Reports

Issue	Date	Report	Description
0	2012-05-24	207736	Prime Certificate released

[17] **Special Conditions for Safe Use**
None

[18] **Essential Health and Safety Requirements**
See item 9

This certificate may only be reproduced in its entirety and without any change, schedule included.

Postal address:
P.O.Box 73 Blindern
N-0314 OSLO, NORWAY

Office address:
Gaustadalléen 30
0373 OSLO

Telephone:
+47 22 96 03 30
Fax:
+47 22 96 05 50

Enterprise number:
NO 974404532