

[1]

EC TYPE EXAMINATION CERTIFICATE

 [2] **Equipment or protective systems or components intended for use in potentially explosive atmospheres Directive 94/9/EC**

[3] Number of EC Type examination certificate:

EUT 14 ATEX 1153

[4] Equipment:

Explosion-proof Plug and Sockets

Series:

BCZ8060

[5] Manufacturer:

Warom Technology Incorporated Company

[6] Address:

No.555# Baoqian Road, Jiading, Shanghai, China; Postal code: 201 808

[7] This equipment and any acceptable variation thereto are specified in the annex to this certificate and the documents reported in it.

[8] EUROFINS-MODULO UNO S.p.A., notified body n. 0477 in accordance with Article 9 of the Council Directive 94/9/CE of 23th March 1994, certifies that this component have been found to comply with the Essential Health and Safety Requirements relating to the design and construction of component intended for use in potentially explosive atmospheres given in Annex II of the Directive.

The examination and test results are recorded in the IECEx Test Report CN/CQM/ExTR13.0058/00, CN/CQM/ExTR 13.0059/00, CN/CQM/ExTR13.0054/00, CN/CQM/ExTR13.0055/00

[9] Compliance with the essential health and safety is assured by compliance with:

EN 60079-0:2012; EN 60079-1:2007; EN 60079-7:2007; EN 60079-31:2009

[10] The sign "X" is placed after the certificate number, it indicates that the equipment is subject to special conditions for safe use specified in the annex to this certificate.

[11] This EC-TYPE EXAMINATION CERTIFICATE relates only to the design, the exam and and the tests of the equipment specified, in accordance with the Directive 94/9/CE.

Further requirements of this Directive apply to the manufacture and supply of this equipment.

These requirements are not object of this certificate.

 [12] The equipment shall include the sign  and the following string:

 16A series: **II 2 GD Ex de IIC T6 Gb, Ex tb IIIC T80°C Db IP65 -20°C≤Ta≤+55°C**

 32A series: **II 2 GD Ex de IIC T5 (T4 for -20°C≤Ta≤+55°C) Gb, Ex tb IIIC T80°C Db IP65 -20°C≤Ta≤+55°C**

 63A series: **II 2 GD Ex de IIC T5 (T4 for -20°C≤Ta≤+55°C) Gb, Ex tb IIIC T95°C Db IP65 -20°C≤Ta≤+55°C**

 125A series: **II 2 GD Ex de IIC T4 Gb, Ex tb IIIC T95°C Db IP65 -20°C≤Ta≤+55°C**

Turin, 22 April 2014




 Dionisio Bucchieri
 Directive Responsible



 Paolo Dentis
 Notified Body Manager



 PRD N° 119B
 ISP N° 030E
 Membro degli Accordi di Mutuo Riconoscimento EA, IAF e ILAC
 Signatory of EA, IAF and ILAC Mutual Recognition Agreements

This Certificate has 25 pages and it is reproducible only in its entirety. Conditions of validity are reported below.

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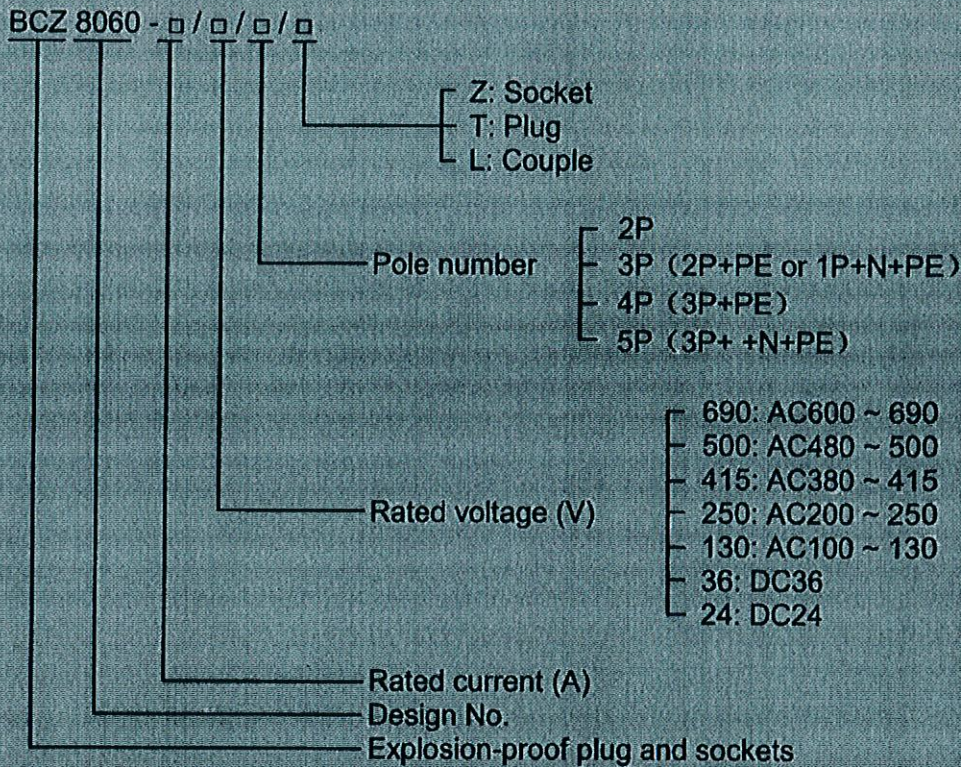
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[15] Equipment description

Warom BCZ8060 Series Explosion-proof Plug and Sockets consist of increased safety enclosure and flameproof switch.

Warom BCZ8060 Series Explosion-proof Plug and Sockets can be used in Zone 1 and Zone 2 hazardous areas where II A, II B and II C explosive gas mixture presents with T1 to T6 classification, and combustible dust areas Zone 21 and Zone 22 where IIIA, IIIB and/or IIIC. It is widely used for connection of electrical equipment and power in circuit of 50/60Hz, rated voltage 690V or below. The rated current is 125A or below:

Catalogue number logic:


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 [16] **Special condition for a safe use**

NONE.

 [17] **Assessment report n° EUT.14.REL.01/52438-01**

This EC Type certificate is released after the positive result of the conformity assessment of the Council Directive 94/9/CE and to harmonized technical standard EN 60079-0:2012; EN 60079-1:2007; EN 60079-7:2007; EN 60079-31:2009 performed by the notified body Eurofins-Modulo Uno SpA, and reported in the assessment report above cited.

Routine tests

The manufacturer shall carry out the routine tests prescribed at:

- clause 16 of EN60079-1:2007
- clause 7 of EN 60079-7:2007

 [18] **Descriptive Documents**

The equipment object of this certificate are described by the following documents.

Scheduled documents cannot be modified without the explicit authorization of the Notified Body.

BCZ8060-16 (2/3P) series

Document	Name	Version	Date	Schedule
BCZ8060-16-3 Series Explosion-proof Plug and Sockets General Assembly Drawing	WM2HR 668 023.1-6	1.0	2013-3-20	Y
Body	WM5HR 005 117	1.0	2013-3-20	Y
Bracket	WM5HR 086 236	1.0	2013-3-20	-
Assembly of connecting base	WM5HR 135 010.14	1.0	2013-3-20	-
Combination screw	WM5HR 215 003	1.0	20 3-3-20	-
Socket	WM5HR 513 020	1.0	013-3-20	Y
Assembly of conducting rod	WM5HR 513 022.1-3	1.0	2013-3-20	Y
Socket assembly	WM5HR 573 060.1-4	1.0	2013-3-20	Y
plug assembly	WM5HR 573 061.1-6	1.0	2013-3-20	Y
assembly of Socket core	WM5HR 573 062.1-6	1.0	2013-3-20	Y
assembly of plug core	WM5HR 573 063.1-6	1.0	2013-3-20	Y

ACCREDIA

 Paolo Benini
 Notified Body Manager

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EC TYPE EXAMINATION CERTIFICATE N. EUT 14 ATEX 1153**[19] Essential Health and Safety Requirements**

Covered by standards.

This certificate may only be reproduced in its entirety

[20] Certificate History

This Certificate is at its second issue.

[21] Terms and conditions

This certificate do not replace anyway the declaration of conformity nor exonerate the manufacturer from product liability. The technical documentation do not refers to others directives applicable to the equipment.

The product liability rests with the manufacturer, his representative or, in the absence of a representative, with the importer, in accordance with the General Product Safety Directive 2001/95/EC.

The following conditions may render this certificate invalid:

- Changes in the design or construction of the product;
- Changes or amendments to the Directive;
- Changes or amendments in the standards which form the basis for documenting compliance with the essential requirements of the 94/9/EC Directive.

 ACCREIDIA
Paolo Dentis

Notified Body Manager

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End of Certificate