

Declaration of Conformity

Motorola Solutions declares under its sole responsibility that the products, to which this declaration relates, conform to the applicable essential requirements of the following Directive(s) of the Council of the European Community on the approximation of the laws of the Member States:

- 1999/5/EC on Radio Equipment and Telecommunications Terminal Equipment
- 94/9/EC (Explosive Atmosphere Directive), including all amendments
- 2011/65/EU on RoHS-2 for Restriction of the use of Hazardous Substances

Product:

**PBE502BEEEx, PBE502BEGEx, 403-470MHz, 1W, plain
PBE502HEEEx, PBE502HEGEx, 403-470MHz, 1W, full keypad and display**

Placed on the market by:

Motorola Solutions Germany GmbH, D-13507 Berlin, Germany

Description:

Certified Accessories with this release:

NNTN8359A MOTOTRBO IECEX/ATEX IMPRES Li-Ion Battery
PMMN4067B ATEX CSA RSM (BVS 12 ATEX E 027 X / IECEX BVS 12.0016X)
PMLN6047A Audio Adapter with Molex Jack (BVS 12 ATEX E 074 X / IECEX BVS 12.0049X)

Conformity:

Harmonized standards used to demonstrate conformity:

Radio Equipment, Article 3(2)

EN 300 086-2 v1.3.1, EN 300 113-2 v1.5.1, EN 300 219-2 v1.1.1

EMC, Article 3(1)b

EN 301 489-1 v1.9.2, EN 301 489-5 v1.3.1, EN 300 086-2 v1.3.1 (rad. Emissions)

Safety, Article 3(1)a

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011
.ICNIRP(1998) Occupational Controlled Environment

ATEX, Article 1(2)

IEC60079-0: 2011, IEC 60079-11: 2011


Year of first application of CE mark: 2012

ATEX Notified Body: DEKRA EXAM GmbH 44809 Bochum, Germany, ATEX NB: 0158
EC Type Examination Certificate: BVS 12 ATEX E 117 X

ATEX Classification:

II 2G Ex ib IIC T4 Gb; II 2G Ex ib IIIC T130°C Db; I M2 Ex ib I Mb -20°C ≤ Tamb ≤ 55°C;
Ingress protection level IP64

Signatures:


Friedrich Bollmann Manufacturer ATEX Representative
Motorola Solutions Germany GmbH, Am Borsigturn 130, D-13507 Berlin, Germany


Ruediger Maurer
Director of Product Safety and Regulatory Compliance, Motorola Solutions Germany GmbH


Andreas Scheuneman
Managing Director Motorola Solutions Germany GmbH, Am Borsigturn 130, D-13507 Berlin, Germany

Document:

Reference: BER-213074-DC-O

05.11.2012

Keeper: Motorola Solutions Germany GmbH, Am Borsigturn 130, D-13507 Berlin, Germany

DoC form ver 3.1



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- 2011/65/EU on RoHS-2 for Restriction of the use of Hazardous Substances

Product:

**PBE302BEEEx, PBE302BEGEx, 136-174 MHz, 1W, plain
PBE302HEEEx, PBE302HEGEx, 136-174 MHz, 1W, full keypad and display**

Placed on the market by:

Motorola Solutions Germany GmbH, D-13507 Berlin, Germany

Description:

Certified Accessories with this release:
 NNTN8359A MOTOTRBO IECEx/ATEX IMPRES Li-Ion Battery
 PMMN4067B ATEX CSA RSM (BVS 12 ATEX E 027 X / IECEx BVS 12.0016X)
 PMLN6047A Audio Adapter with Molex Jack (BVS 12 ATEX E 074 X / IECEx BVS 12.0049X)

Conformity:

Harmonized standards used to demonstrate conformity:

Radio Equipment, Article 3(2)

EN 300 086-2 v1.3.1, EN 300 113-2 v1.5.1, EN 300 219-2 v1.1.1

EMC, Article 3(1)b

EN 301 489-1 v1.9.2, EN 301 489-5 v1.3.1, EN 300 086-2 v1.3.1 (rad. Emissions)

Safety, Article 3(1)a

EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +AC:2011, ICNIRP(1998) Occupational Controlled Environment,

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ATEX Classification:

II 2G Ex ib IIC T4 Gb; II 2G Ex ib IIIC T130°C Db; I M2 Ex ib I Mb; -20°C ≤Tamb ≤55°C;

Ingress protection level IP64

F. Bol

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Signatures:

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Ruediger Maurer
 Director of Product Safety and Regulatory Compliance, Motorola Solutions Germany GmbH

Andreas Scheuneman

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Document:

Reference: BER-213075-DC-O

05.11.2012

Keeper: Motorola Solutions Germany GmbH, Am Borsigturm 130, D-13507 Berlin, Germany

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