Edition of : 2017-05-02

INTERFACE PTT ONLINE COMU ALEX795
Intrinsically safe version
Ex II 2 G Ex ib IIC T4 Gb
LCIE 15 ATEX 3053 X IECEx LCIE 15.0043X

INTRODUCTION :

The interface PTT online COMU ALEX795 is an Intrinsically Safe equipment. It can be use in potentially explosive atmosphere. It will be used connected to a certified intrinsically safe portable radio (through or not an adapter certified intrinsically safe). A connector (panel mounted receptacle) allows a connection of one electro-acoustic device (head accessory) which is also certified intrinsically safe. This combination must be compatible as regard intrinsic safety.

USING :

The interface PTT online COMU ALEX795 can be connected on all types of Intrinsically Safe certified transceivers radio (with or without adapter) whose electrical parameters of the accessories socket (or of the adapter) respect the followings criteria:

Uo ≤ 8,7 V Io ≤ 0,425 A Po ≤ 3,57 W Co ≥ 0,1 µF Lo ≥ 0 µH

The electrical parameters of the connector (panel mounted receptacle) of the COMU ALEX795 intended to connect an electro-acoustic devices (head equipment) are the followings:

Uo : 8,7 V Io : 0,425 A Po : 3,57 W Co : 25 nF Lo : 0 µH

COMU ALEX795 Specific parameters of the protection mode :

Ui : 8,7 V Ii : 0,425 A Pi : 3,57 W Ci : 0,1 µF Li : 0 µH

Operating ambiant temperature : - 20 °C to + 55 °C

Marking : **Ex II 2 G Ex ib IIC T4 Gb**

ADJUSTMENTS :

Connect the interface PTT online to the portable radio (through or not an adapter). Connect to the connector (panel mounted receptacle) of the COMU ALEX795, the electro-acoustic device (head equipment). Switch on the radio.
To transmit, push the PTT button fitted on the interface and speak to the microphone of the electro-acoustic device (see instructions of this one). To receive, release the PTT button.

Receiving level adjustment : By action on the portable radio volume control potentiometer.

ACCESSORIES :

An external Intrinsically Safe COMU LARYNGO or COMU OSTEO or COMU ECM 00 (head equipments) can be connected to the COMU ALEX795 through the connector (panel mounted receptacle).

MAINTENANCE :

Keep in perfect working order the interface PTT online COMU ALEX795. Regularly check the functioning of cables and plugs.
Check on the marking. To clean up the interface PTT online, use appropriate detergent. Never use solvent.

REPAIRING :

No modification must be done on the interface PTT online.
Inevitably return the product to the manufacturer for repair.

WARRANTY :

12 months for parts and man power.

COMUFRANCE

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EU DECLARATION OF CONFORMITY

Manufacturer : **COMUFRANCE SAS**
Address : **62 avenue de l'Europe**
F – 77184 EMERAINVILLE

Declares on their own responsibility that the following product :

- **COMU ALEX795 Interface PTT online**

Is an Intrinsically Safe product designed to be connected on an Intrinsically Safe radio (through or not an adapter certified intrinsically safe) for a use in potentially explosive atmosphere

Marking :
LCIE 15 ATEX 3053 X IECEx LCIE 15.0043X
Ex II 2 G
Ex ib IIC T4 Gb
Operating temperature : - 20 °C to + 55 °C

COMU ALEX795 Parameters :
Ui : 8,7 V Ii : 0,425 A Pi : 3,57 W Ci : 0,1 µF Li : 0 µH

Uo : 8,7 V Io : 0,425 A Po : 3,57 W Co : 25 nF Lo : 0 µH

The product is manufactured in compliance with :

For ATEX
... the essential requirements of the Directive 2014/34/EU Annex II
... the harmonised standards :
→ EN 60079-0 : 2012 + amendement A11 : 2013
→ EN 60079-11 : 2012
... the type which is the object of CE examination N° LCIE 15 ATEX 3053 X
For IECEx
... the IECEx Quality System requirements
... the standards IEC 60079-0 (2011) Ed 6.0 – IEC 60079-11 (2011) Ed 6.0
... the type which is the object of examination IECEx N° LCIE 15.0043X

Notification Quality Audit : LCIE 03 ATEX Q 8050

EMERAINVILLE the 2017-05-02

Signature of the legally responsible

COMUFRANCE SAS
Capital 100 000 €
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Michel CAZALS

President

The Notified body responsible for monitoring the ATEX Directives is : LCIE - 33 avenue du Général Leclerc - BP 8 - 92266 – Fontenay aux roses cedex
Its identification number is : 0081

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