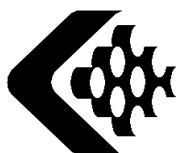


SIMPLIFIED INSTALLATION GUIDE
INTERCOM IN EXPLOSION PROOF ENCLOSURE
II2G - GAZ
SERIE TLH 214 A1G3



***THE FIRST PUTTING INTO SERVICE SHOULD BE REALISED BY WORKERS WITH
SUFFICIENT AND APPROPRIATE TRAINING WITH REGARD TO HAZARDOUS AREAS.
CONSULT THE INSTRUCTION GUIDE PROVIDED WITH THE DEVICE***

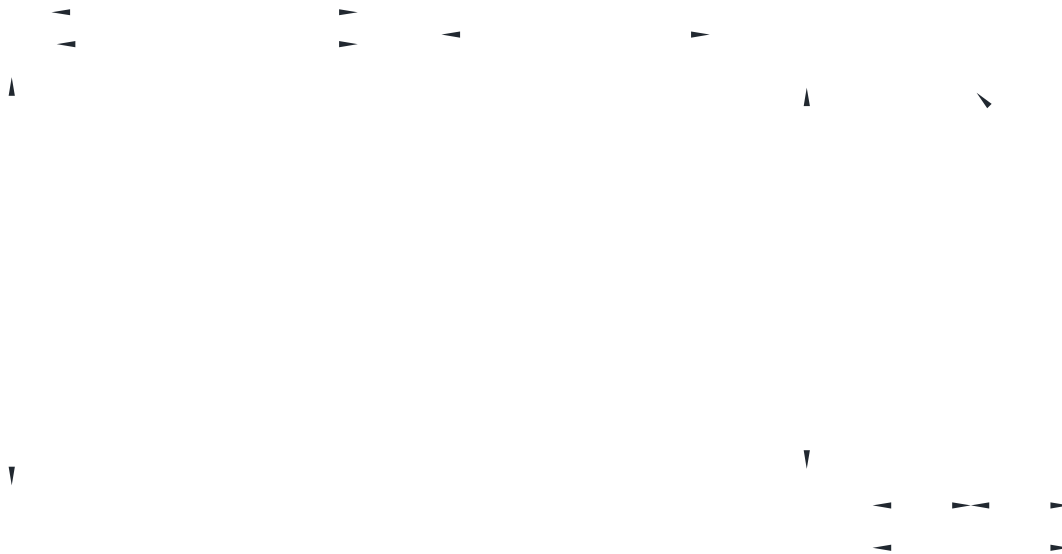


Groupe LE LAS
COMMUNICATING IN SAFETY

*THE GUARANTEE ONLY APPLIES WHERE THE PRODUCT IS INSTALLED AND OPERATED STRICTLY IN ACCORDANCE WITH INSTRUCTIONS AS DEFINED IN THIS MANUAL
NO GUARANTEE CAN BE INVOKED IN THE EVENT OF A DETERIORATION RESULTING FROM EXTERNAL FACTORS DUE TO LACK OF ADHERENCE TO
USER INSTRUCTIONS*

INSTALLATION

Dimension drawing



Assemble the housing on a flat surface preferably. Refer to the template.

Fixing screws are not supplied; use preferably stainless steel screws.

Select the right cable diameter to match the cable entry diameter (Ø7 to 12 Max) and then screws firmly.

Characteristics

- Material : alloy of aluminum
- Dimensions: 215 x 300 x 190 mm
- Explosion Class : **Ex d IIB T6 II2G**
- Certificate of conformity : INERIS 03ATEX0238X
- Color : orange RAL2003
- Weight : 8.3Kg

Spare parts list

- | | |
|----------------------------|-----------------|
| - Intercom Card 24V | Réf : WK119U3 |
| - Converter card 24/48V | Réf.: WK028U3G2 |
| - 1 button card | Réf.: WK030CLG |
| - Loudspeaker's motor | Réf : CE225V7 |
| - Cable entry Ex d 3/4 NPT | Réf : EGM8ATX |
| for cable Ø7 to Ø12 max. | |

Option : mooring flange module

Réf.: EGMA5ATX *

The user must ensure proper cable mooring, and this can be ensured by the flange module (option).

Technical Features :

- | | |
|---------------------------|-----------------|
| - Supply voltage : | 24 Vcc or 48Vcc |
| - Max consumption : | <450 mA |
| - Standby consumption : | 40 mA |
| - Max operating voltage : | 54V |
| - Max dissipated power : | 15 Watts |
| - Audible signal : | >100 dB / 1 m. |
| - Talk mode : | free piloted |

IMPORTANT: *Consult the programming and user guide before connection*

▲ ▲ ▲ ▲ ▲

▲ ▲

The only hardware configurations on the motherboard are:

the choice of 2 wires / 4 wires to separate or not the transmission pair of the receiving pair,
By jumpers JP3 and JP4 (the stations are delivered in 2 wire position 2F).

- Choice of supply voltage: 24v or 48v per plug-in connector.

If 24V supply:

Connect the power supply to the "BR1"

If 48V supply:

Connect the power supply to the "BR5" connector on the 24/48V converter board

All other configurations are programmed (see the programming instructions NFC119-U3G)

Cable type

The connection terminals accept single stranded wires with a maximum cross section of 1.5mm²

MAINTENANCE

Externally

- Clean with a soft, damp rag, without using any solvents.
- If you use a high-pressure hose (preferably 50 bars), keep jet 1.5m from unit.
- To check that the screws fastening and the press packing are quite tight.

Internally

- Do not insert any liquid.
- Check the state of the weatherproof sealing joint and that they are correctly positioned.

DOCUMENT TO DOWNLOAD

Download the programming and user guide for the intercom card Ref: NFC119*U3G



Edition B :18.07.2018