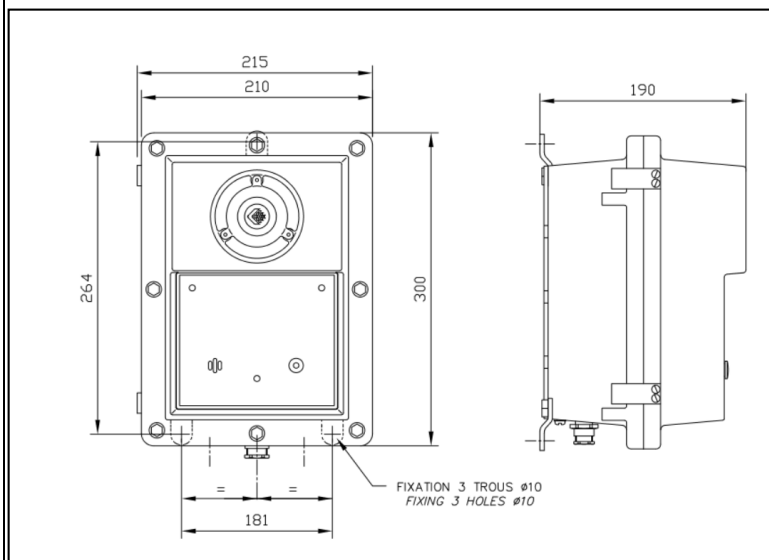


**TELEPHONES LE LAS**

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**Drawing**

**Intercom for explosive atmosphere ATEX II2G or II2GD**
**Electrical characteristics**

Supply voltage:	24 Vdc or 48 Vdc
Max consumption:	<450 mA
Rest consumption:	40 mA
Maximum operating voltage:	54V
Max power dissipation * :	15 Watts *
Flashing/Ground :	none
Audible call signal:	>100 dB / 1 m.
Visual call signal:	external option
Conversation mode:	hands-free controlled

\* inside the enclosure is  $\leq 50$  watts

**ATEX Certification**

Ex II2G or II2GD  
 Ex II2G / Ex db IIB T6 Gb - (Zone 1 / 2)  
 Ex II2GD / Ex tb IIIC T85°C Db IP6X - (Zone 21 / 22)

**References :**

TLH 214 A1G3 - II2G (gas) – **24Vcc**  
 TLH214 A1G3D - II2GD (gas and dust) - 24Vcc  
 TLH 214 A1G3CC - II2G (gaz) – **48Vcc**  
 TLH214 A1G3DCC -II2GD (gaz and dust) – 48Vcc

Material / Colour :.....Aluminium / RAL2003  
 Microphone:..... type with sealed electret  
 Loudspeaker :..... 15 watt compression chamber motor  
 Mounting:..... 3-point wall mount  
 Connection :.....on plug connector  
 Cable type :.....single/multi-stranded wires max section 1.5mm<sup>2</sup>  
 Cable entry :.....type Ex d - 3/4NPT for cable Ø7 to Ø12mm  
 Dimensions : .....215 X 300 X 190 mm  
 Weight :.....8,1 kg  
 Specific marking :.....II2G (Gas) or II2GD (Gas and dust)  
 Additional marking :.....Ex db IIB T6 Gb - gas (group IIB)  
   **or** Ex db IIB+H2 T6 Gb - gas (group IIB+H2)  
   Ex tb IIIC T85°C Db IP6X - gas and dust (group IIB)  
 Ambient operating temperature:.....Tamb. -20°C to +50°C  
 EU Type Examination Certificate :.....INERIS 03ATEX0238X  
 Certificate of conformity :.....IECEx INE 20.0071X


**SET-UP / USAGE**
**INITIAL COMMISSIONING MUST BE CARRIED OUT BY A COMPANY COMPETENT IN INSTALLATIONS IN HAZARDOUS AREAS.**

The allowing instructions must be read in conjunction with :

- 1- standard NF C 15 100.
- 2- European ATEX 2014/34/EU and annexes
- 3- standard EN 60079-14 (electrical installations in gaseous explosive atmospheres).
- 4- standard EN 60079-17 (inspection and maintenance in hazardous environments).
- 5- Decrees, orders laws directive, applications circulars, standards, rule book and every other document regarding the location of its installation.
- 6- EN 61241-14 : Installation and selection
- 7- EN 61241-17: Inspection and maintenance of electrical installations located in hazardous locations (other than mines).

Failure to comply with these does not engage our responsibility. The installation of the equipment must be carried out by qualified, competent and authorized personnel. Check the compatibility between the information on the nameplate, the explosive atmosphere present, the area of use and the ambient and surface temperatures.

This equipment comes with a 2-year parts and labour warranty ex works.

