

# DATASHEET - TLA 214A3 EXPLOSION PROOF PHONE

## PABX & TELEPHONE SYSTEM EQUIPMENT



- zone 1 & 2
- zone 21 & 22

### DESCRIPTION - TLA 214 Range Eex d Explosion Proof Telephone

The TLA 214A3 'Eexd' type telephone is design for hazardous environments and meets industrial and offshore requirements. The aluminum body with special treatment is designed to withstand most chemical and environmental hazards found on - or offshore.

The TLA 214 range phone can integrated with different communication solutions. It can work as standard analog phone by connect to standard PBX, or it can become intercom by connect to center exchange, with optional built-in amplifier.

### MECHANICAL DATA

|                   |  |
|-------------------|--|
| • Housing/Handset | Aluminum Light-alloy                     |
| • Handset cord:   | Stainless steel 100kg resistance         |
| • Mounting:       | Wall or Pole                             |
| • Diameter        | 215 X 300 X 190 mm                       |
| • Cable Entry     | 2 x 3/4" NPT For cable on sheath Ø7-12mm |
| • Connection      | Inside screw connections                 |
| • Weight          | Approx. 9 kg                             |
| • Color           | RAL 2003 (Orange). Other color as option |

### ELECTRICAL DATA

|                          |                          |
|--------------------------|--------------------------|
| • Direct current supply: | 12 to 60 Vdc             |
| • Consumption:           | < 40mA                   |
| • Ringing voltage:       | 35 – 80 Vac              |
| • Dialing:               | DTMF/pulse               |
| • Flashing/earth:        | Adjustable               |
| • Electronic Bell:       | 80 dB @ 1M               |
| • Hook:                  | Magnetic                 |
| • Conversation Mode:     | By handset               |
| • Noise cancelling:      | Noise cancelling circuit |

### ENVIRONMENT

|  |   |
|--|---|
| • Ambient temperature during operation | -20 °C to + 50 °C   |
| • Relative humidity (non -condensing)  | Max. 95 %   |
| • Degree of protection                 | IP55 or IP66  |
| • Certification                        | ATEX/IECEx Ex db ib IIB or IIB+H2 T4 Gb)<br>ATEX Number: INERIS 03ATEX0238X |

| ORDER NUMBER   | DESCRIPTION   |
|----------------|---|
| TLA 214 A3A    | Analog phone with 14 buttons aluminum keypad,handset, Eex d IIB T4              |
| TLA 214 A3AH   | Analog phone with 14 buttons aluminum keypad, handset, Eex d IIB+H2 T4          |
| TLA 214 A3AC9L | Analog phone with 14 buttons aluminum keypad, handset and display, Eex d IIB T4 |

Option : Explosion proof headset pre-wiring with phone. order by option letter '/XC'.

# DATASHEET - TLA 214A3 EXPLOSION PROOF PHONE

PABX & TELEPHONE SYSTEM EQUIPMENT

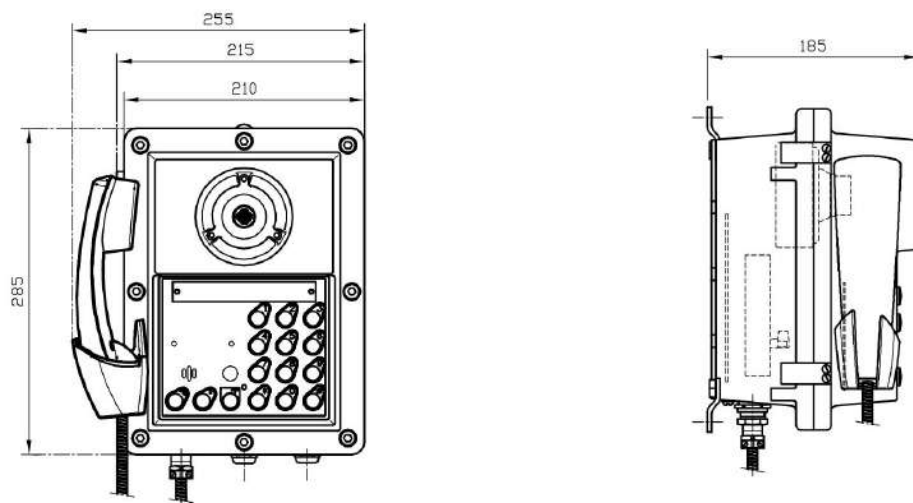
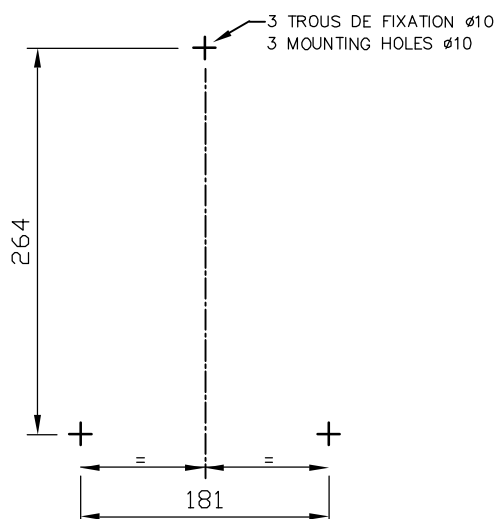
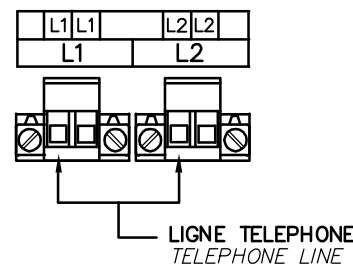


Fig. 1: Dimensional drawing TLA 214

BETWEEN HOLES FOR MOUNTING



RACCORDEMENT -  
- WIRING -



THIS CASING INCLUDES:

- (A) 1 LOUDSPEAKER'S MOTOR
- (B) 1 TELEPHONE CARD
- (C) 1 COATED PCB
- (D) 1 KEYBOARD CARD
- (E) 1 HANDSET
- (F) 2 CABLES GLANDS FOR CABLE  $\varnothing 7$  to  $\varnothing 12$  MAX

REFERENCES

- CE225V7
- WK205CMAATX
- WK098PLIATX
- WK133CL9
- MS436A17G68
- EGM8ATX

## Installation, Operation and Maintenance Procedures

- Open the pivoting front panel removing the eight screws
- Pass the cables through the cableglands being sure that the cable fit with the rubber gasket.
- Connect the telephone wires at the screw terminals
- Close the front panel in conformity to the safety rules for classified areas

**This equipment is supplied with a 2 year warranty against defective workmanship**

# DATASHEET - TLA 214A3 VoIP EX TYPE PHONE

PABX & PAGING/INTERCOM SYSTEM EQUIPMENT



- zone 1 & 2
- zone 21 & 22

## DESCRIPTION - TLA 214A3 VoIP type Eex d Explosion Proof Telephone

The TLA 214A3 'Eexd' type VoIP phone is design for hazardous environments and meets industrial and offshore requirements. The aluminum body with special treatment is designed to withstand most chemical and environmental hazards found on - or offshore.

The TLA 214 range VoIP phone can integrated with different communication solutions. It can work as standard VoIP phone by connect to standard IPBX, or it can become intercom call station of Public address & General alarm system (DIGICOM 3K system).

## MECHANICAL DATA

|                   |  |
|-------------------|--|
| • Housing/Handset | Aluminum Light-alloy/ Polyester carbon   |
| • Handset cord:   | Stainless steel 100kg resistance         |
| • Mounting:       | Wall or Pole                             |
| • Diameter        | 215 X 300 X 190 mm                       |
| • Cable Entry     | 2 x 3/4" NPT For cable on sheath Ø7-12mm |
| • Connection      | Inside screw connections                 |
| • Weight          | Approx. 9 kg                             |
| • Color           | RAL 2003 (Orange). Other color as option |

## ELECTRICAL DATA

|                          |  |
|--------------------------|--|
| • Direct current supply: | PoE, or 12V/24Vac version as demand  |
| • Consumption:           | Maxi 1A at 12 Vdc / 12W  |
| • Audio Output:          | 10W or optional 30W Class D amplifier under speaker 8 Ohms. handset, full duplex . |
| • Voice:                 | Management of the suppression of the local echo and the ambient noise.             |
| • Electronic Bell:       | 84 dB @ 1M   |
| • Hook:                  | Magnetic   |
| • Conversation Mode:     | By handset   |

## ENVIRONMENT

|   |   |
|---|---|
| • Ambient temperature during operation    | -20 °C to + 50 °C   |
| • Relative humidity (non -condensing)     | Max. 95 %   |
| • Degree of protection/Impact Rating (IK) | IP55 or IP66 / IK10   |
| • Certification                           | ATEX II2GD (EEx d IIB or IIB+H2 T4)<br>ATEX Number: INERIS 03ATEX0238X, |

| ORDER NUMBER      | DESCRIPTION  |
|-------------------|--|
| TLA 214 A3A/P     | SIP PoE phone with 14 buttons metal keypad,handset, Eex d IIB T4     |
| TLA 214 A3AH/P    | SIP PoE phone with 14 buttons metal keypad, handset, Eex d IIB+H2 T4 |
| TLA 214 A3AC9L/P  | SIP PoE phone with keypad,handset, and display Eex d IIB T4          |
| TLA 214 A3AHC9L/P | SIP PoE phone with keypad,handset, and display, Eex d IIB+H2 T4      |

\* : the optional model with 12/24Vdc or 230Vac as demande

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PABX & TELEPHONE SYSTEM EQUIPMENT

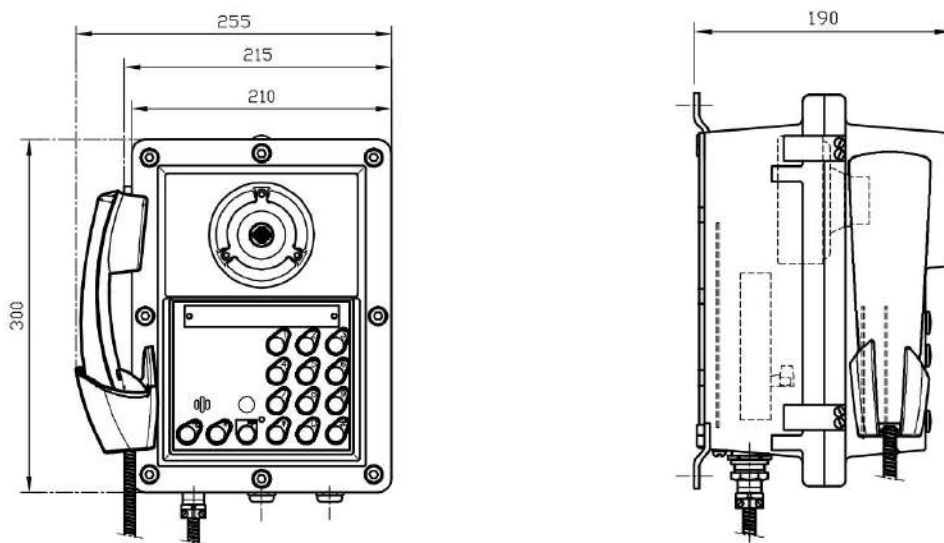


Fig. 1: Dimensional drawing TLA 214

BETWEEN HOLES FOR MOUNTING

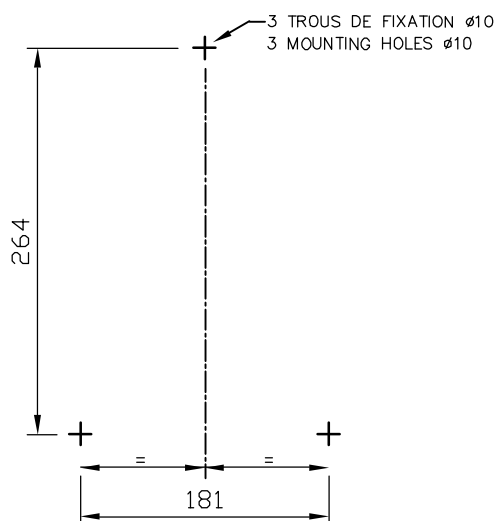


Fig. 2: Mounting drawing TLA 214

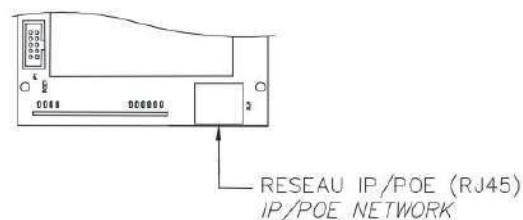


Fig. 2: Connecting drawing TLA 214

# DATASHEET - TLA 214A3 VoIP EX TYPE PHONE

## PABX & TELEPHONE SYSTEM EQUIPMENT

### TECHNICAL DATA

|                                       |   |
|---------------------------------------|---|
| CODECS                                | <ul style="list-style-type: none"> <li>G.711 ulaw, G.711 alaw, G.722 HD, G.726 (16kbps), G.726 (24kbps), G.726 fixed payload, G.729</li> <li>G.726 (40kbps), DVI4 Narrowband, DVI4 HD, Linear PCM, Linear PCM HD, Linear PCM (little endian),</li> <li>Linear PCM HD (little endian), ILBC-30, ILBC-20, SPEEX Narrowband, SPEEX Wideband, SILK Narrowband, SILK Wideband.</li> </ul>  |
| FUNCTION                              | <ul style="list-style-type: none"> <li>General call and group calls (With SIP server of LELAS).</li> <li>Conference (requires SIP server LELAS).</li> <li>Peer-to-Peer mode for making point-to-point calls without a server (IP addressing call).</li> <li>Direct call via programmable memory button for secondary stations (10 keys) (For version TLS214)</li> <li>Ringer volume control via Web.</li> <li>Timed break recall facility / Last number redial facility.</li> <li>Management of a strike by DTMF activation code.</li> <li>Report/transfer.</li> <li>Static Mode or DHCP or PPPoE</li> <li>Management of a strike by DTMF activation code.</li> <li>Embedded web server set-up: number of rings off-hook, max time on-line, HP volume, ringer and microphone, adding custom ringtones, option strikes, report / transfer number, IP address and Netmask, cascade dialling, direct call numbers, SIP settings, codecs, button press time (call taking, cancelling communication), adding three broadcast messages ...</li> </ul> |
| POSSIBLE OPTION WITH SIP LELAS SERVER | <ul style="list-style-type: none"> <li>Simultaneous calls depending on the server (from 30 to 60).</li> <li>Supports up to 500 SIP terminal registrations.</li> <li>Supports up to 32 participants in conference, invitation to a conference. 99 conference channels.</li> <li>Supports Static Queue Mode with different strategies (Simultaneous, Linear, Less Recent, Less Call, Random, Circular with Memory). Editable music broadcasting.</li> <li>Interception of calls.</li> <li>Voicemail, consultation with PIN.</li> <li>Interactive voice answering machine.</li> <li>DND call forwarding (Do not disturb, call forwarding if busy, if no answer, unconditional ...).</li> <li>Recording of communications (WAV format) saved on SD card.</li> </ul>   |
| SIP SERVER LANGUAGE                   | <ul style="list-style-type: none"> <li>English, French, Chinese.</li> </ul>   |

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