

Atex Telephone Serie 229

Intrinsically Safe



Ex II2GD, Ex e ib mb IIC T5 Gb



IECEx INE 14.0004

Description

- Intrinsically safe telephone with explosion proof encapsulation with dual ATEX and IECEx certification for using in explosive atmospheres zones 1, 2, 21 and 22, providing greater security in telephone communication. On the other hand its low Low energy consumption with maximum power, a receiver adaptable to different environments, a hands-free version, a high degree of watertight protection and high shock resistance, optional IP version, parts easily removed for maintenance purposes and different options offered by LELAS make the most demanding customers choose this explosion-proof telephone 229.
- New telephone model 229 is easy to install and to connect to the telephone line, has a wide choice of options, robust weatherproof and explosion-proof components which can be used in the harshest climatic conditions, stainless steel screws, made of reinforced polycarbonate to resist shocks, keyboard version, LCD display, call memory, integrated flashing beacon, remote testing by master station.
- Body material / color: polyester plastic / RAL2003
- Handset material / color: polyester plastic / black
- Handset cord: stainless steel 100 kg resistance
- Loudspeaker (hands-free)/microphone: vandal resistant / 5W > 78 db at 1 m
- Hands-free speaker 50 Ω 5W watertight and anti vandal, sound power> 80 dB at 1m
- Analog availability, line voltage from 12 to 60 Vdc and consumption <45mA \pm 3
- Optional digital version VOIP POE SIP protocol
- Optional video camera, video door phone card and telecontrol station
- Optional LED flash call.

Specifications

- Ambient temperature of use: - 40 ° C / + 60 ° C
- Cable entry type Ex for cable Ø5 to Ø9mm
- Penetration index IP66
- Impact protection IK10
- Dimensions: 201 x 320 x 113 mm
- Weight: 2.3 kg
- Specific category: Ex II2GD (gas and powders)
- Additional category: Ex e ib mb IIC T5 Gb
Ex ib tb IIIC T100 ° C Db IP64
- CE type approval: INERIS 09ATEX0074X
- IECEx Certificate of Conformity: IECEx INE 14,0004

APPLICATIONS: Tank Truck Fuel Station, Petrochemical, Flour, Cement and Ammunition Factories, etc.



Compatible with any Telephone Exchange
Analog or Digital in Safe Zone
If not, use ATEX Telephone Exchange



REFERENCES

CUSTOMERS

- ENTP-SONATRACH/ALGERIA
- REPSOL-BUTANO/SPAIN
- TOTAL/GABON
- SONARA/CAMEROON
- CLH/SPAIN
- SAIPEM/ANGOLA
- OCP /MAROCCO
- NAFTAL-SONATRACH/ALGERIA
- PETROBRAS/BRAZIL
- PEMEX/MEXICO



Model Configurations

Model	Handset	Hands-free	Display	Keyboard & memory	1 button	Flashing beacon	Remote diagnostics
TLC229A1	●						●
TLA229A1	●			●			●
TLS229A1C9G	●	●		●			●
TLS229A1C9FGL	●	●	●	●		●	●
TLS229A1C9FL		●	●	●		●	●
TLS229A1B		●			●		●



**TECHNO
WIRED**

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