

Explosion-proof analog/VoIP adapter 12-24Vdc or PoE, suitable to drive external Flashing & Audio repeaters model **ATA500T** and **ATA500TP**

ATA-500-TP



Protection :II2GD - Ex d IIC T6
Dimensions:73 x 73 x 30 mm
Operating temperature:-20°C ÷ +60°C
Fixing:4 holes on the four corners
Wiring: screw plug-in terminals
MTBF:..... >200.000 hours

EXTERNAL CALL REPEATERS COMPATIBLE LOADS

The electronic card is equipped with a bi-stable relay with a NO/NC contact, with a power of interruption 250VAC-8A, to be used to activate external Ringers & Beacons.

It is strongly recommended a verification of the real nature of the loads before using the equipment. In case of doubts please contact our service.



The **ATA500T** is an explosion-proof Analog/VoIP (SIP) adapter, equipped with an electronic card capable to transform an analog explosion-proof telephone in a VoIP (SIP) telephone.

It is available in two versions, the first version **ATA500T** requires a 12Vdc or 24Vdc external power source, while the second version **ATA500TP** does not require any auxiliary power source, being Powered on Ethernet (PoE).

The electronic circuit is contained in an ATEX explosion-proof enclosure suitable for outdoor mounting, made of aluminum light alloy, painted for outdoor, with nr. 4 cable inlets threaded holes (cableglands are not included).

The enclosure is protected IP66 – Ex d IIC T6 (II2GD) and it is suitable for installation in classified areas Zona 1-21 & Zone 2-21.

The versions **ATA500TR** and **ATA500TPR** is equipped with an additional "Incoming Call Relay" for repeating the incoming telephone calls, driving any kind of external additional loud call repeater and/or flashing beacon.

The electronic card can be equipped with a bi-stable relay with two contacts free of voltage (NO + NC), activated when an incoming call is detected.

The circuit can be settled to keep the relay activated also during the pauses between rings. This is very useful to increase the efficiency of the acoustic and flashing devices when used to advise the people of an incoming call.

By moving some jumpers on the PCB is possible to choose between the SYNCHRONE mode (the relay repeats exactly the rhythm of the rings) and ASYNCHRONE mode (the relay stays activated also during the pauses between the rings).

ORDER CODES

	12Vdc	24Vdc	PoE	Relay
ATA500T	✓	✓	-	-
ATA500TR	✓	✓	-	✓
ATA500TP	✓	✓	✓	-
ATA500TPR	✓	✓	✓	✓