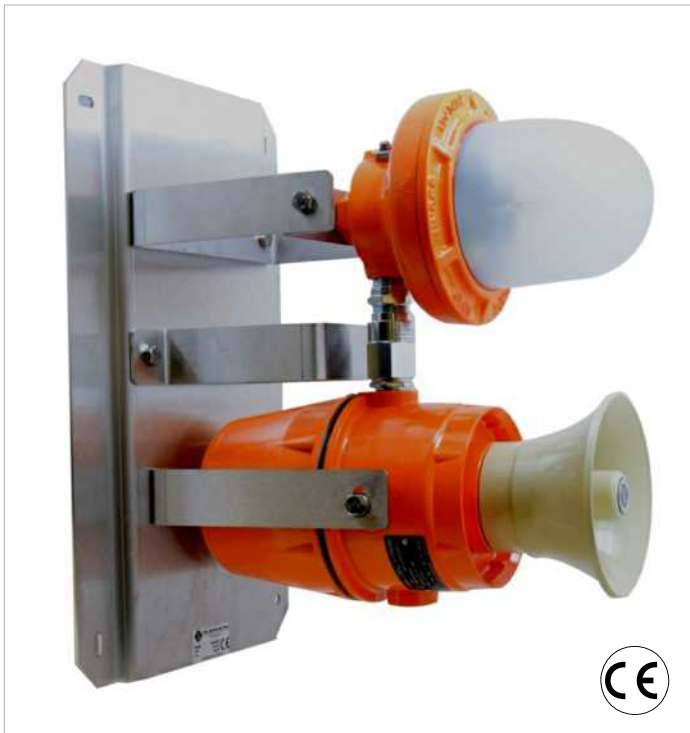


Explosion-proof combined Alarm Siren with Flashing Beacon, with optional integrated telephone interface Model SAX500T

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The SAX500T is an explosion-proof combined OPTICAL & ACOUSTIC alarm and signal device. It can be used both for General Alarms and/or for Repetition of Telephone Calls in noisy areas.

The circuit can be settled to work as an Alarm Siren + Flash (the sound & flash starts when the equipment receives the voltage 230Vac) or as a Telephone Call Repeater (the sound and flash starts when the equipment detects the ringing voltage on the telephone line).

It means that, when using the device for telephone calls repetition, you do not need to install an external "telephone relay" to activate the SAX500T.

ACOUSTIC SECTION (25W - 118 dB at 1 m)

The industrial tropicalized electronic module (working conditions -40°C +70°C – 98% humidity) is capable to generate up to 8 melodies selectable by DIP-Switch.

Volume setting: the equipment can works on pre-setted volume, or it can works in auto-increasing mode (trimmer inside).

It can be settled in such a way that it will ring at the same cadence of telephone-rings, or with its own cadence also during pauses between rings.

OPTICAL SECTION (10, 15, 21 Joules)

It is equipped with an industrial tropicalized electronic circuit (working conditions -40°C +70°C – 98% humidity) driving a Xeno lamp (available at 10 – 15 – 21 Joules), powered at 230Vac.

The card is activated by a command coming from the acoustic section. Expected duration of the lamp is 2500 hours.

Normally delivered with White lens, it is available on demand with Yellow, Orange, Red, Blue and Green lens. Energy is measured with white lens.

TELEPHONE INTERFACE

Call Voltage: 30÷100 Vac 25-50 Hz
Ringer impedance: >10kΩ

ELECTRICAL DATA

Power supply: 230Vac ±10%
Consumption @230Vac: max 55W

Ex d body:.....aluminum light-alloy
Painting:.....Orange RAL2003 (other colors on demand)
Wall brackets:.....stainless steel
Lens:tempered glass
Cone:plastic
Termination:..... screw terminals
Weight: 15 kg
IP-rating:..... 66
Power voltage:..... 230Vac
Dimensions:.....286 x 440 x 377 mm
Cable inlets:.....nr. 2 threaded holes 3/4" GK
Cableglands:..... not included

ACOUSTIC SECTION

II2GD Ex db IIC T5 – IP66 / -20°C +60°C
II2GD Ex db IIC T6 – IP66 / -20°C +40°C

Ex certificate: ICEPI 13ATEX03C007X

OPTICAL SECTION

II2GD Ex db IIC T6 – IP66 / -20°C +60°C
II2GD Ex db IIIC T85°C Db / -20°C +60°C

Ex certificate: ICEPI 13ATEX03C004



Explosion-proof combined Alarm Siren with LED Flashing Beacon optional integrated telephone interface Model SAL500T-24CC



The SAL500T-24CC is an explosion-proof combined OPTICAL & ACOUSTIC alarm and signal device. It can be used both for General Alarms and/or for Repetition of Telephone Calls in noisy areas.

The circuit can be settled to work as an Alarm Siren + Flash (the sound & flash starts when the equipment receives the voltage 24Vdc) or as a Telephone Call Repeater (the sound and flash starts when the equipment detects the ringing voltage on the telephone line).

It means that, when using the device for telephone calls repetition, you do not need to install an external "telephone relay" to activate the SAL500T-24CC.

ACOUSTIC SECTION (25W - 118 dB at 1 m)

The industrial tropicalized electronic module (working conditions -40°C +70°C – 98% humidity) is capable to generate up to 8 melodies selectable by DIP-Switch.

Volume setting: the equipment can works on pre-setted volume, or it can works in auto-increasing mode (trimmer inside).

It can be settled in such a way that it will ring at the same cadence of telephone-rings, or with its own cadence also during pauses between rings.

OPTICAL SECTION

It is equipped with an industrial tropicalized electronic circuit (working conditions -40°C +70°C – 98% humidity) driving a tree of LEDs powered at 24Vdc.

The card is activated by a command coming from the acoustic section.

Normally delivered with White lens, it is available on demand with Yellow, Orange, Red, Blue and Green lens.

TELEPHONE INTERFACE

Call Voltage: 30÷100 Vac 25-50 Hz
Ringer impedance: >10kΩ

ELECTRICAL DATA

Power supply:24Vdc ±10%
Consumption @24Vdc: max 50W

Ex d body:.....aluminum light-alloy
Painting:.....Orange RAL2003 (other colors on demand)
Wall brackets:.....stainless steel
Lens:tempered glass
Cone:plastic
Termination:..... screw terminals
Weight: 15 kg
IP-rating:..... 66
Power voltage:..... 24Vdc
Dimensions:.....286 x 440 x 377 mm
Cable inlets:.....nr. 2 threaded holes 3/4" GK
Cableglands:..... not included

ACOUSTIC SECTION

II2GD Ex db IIC T5 – IP66 / -20°C +60°C
II2GD Ex db IIC T6 – IP66 / -20°C +40°C

Ex certificate: ICEPI 13ATEX03C007X

OPTICAL SECTION

II2GD Ex db IIC T6 – IP66 / -20°C +60°C
II2GD Ex db IIIC T85°C Db / -20°C +60°C

Ex certificate: ICEPI 13ATEX03C004