

# AKOELEC

Technology developed for the protection and safety of people



## Alarm for gas leak detection on permanent connection



Optical and acoustic alarm.

- Acoustic alarm stop button.
- Sensitivity variator button for on site unit adjustment by the installer.
- Auxiliary relay allowing alarms to be remotely activated from the AKO-5605A centralizer
- Detected following gases: R-22, R-404A, FX-10, FX-56, R-407, NH<sub>3</sub>.
- Not suitable for areas classified as potentially explosive atmospheres.
- Dimensions: 111 x 77 x 26 mm.

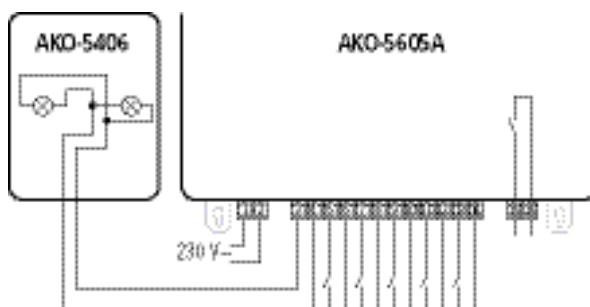
Reference	Description	Family	Pack
AKO-52092	Gas detector alarm, permanent connection	4200	4 Unit

## Centralisation alarm for 5 input circuits



Autonomy over one hour with automatic Ni-Cd battery recharging.

- When one of the circuits is closed, the acoustic alarm is activated and also one of the 5 optical indications to show which circuit is sending the signal. The acoustic may be stopped, but not the optical, which remains active and in the memory until the signal circuit is opened.
- The units may be installed adjacently to form centres of up to 5, 10, 15, etc. signals.
- Power supply 230 V  $\pm$ 10%, 50/60 Hz.

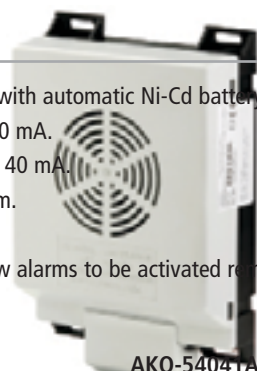


Reference	Description	Family	Pack
AKO-5605A	Centralizer for 5 input circuits	4200	1 Unit

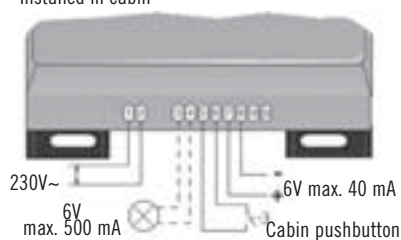
## Alarms with emergency lighting for lifts, AKO-5404 series

These units comply with EN 81-1.

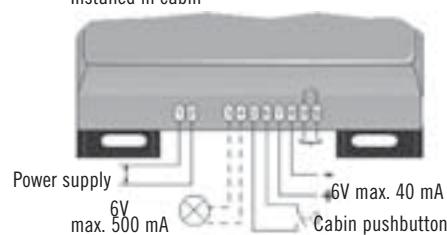
- Own autonomy of over one hour with automatic Ni-Cd battery recharging.
- Output for rescue lighting 6 V, 500 mA.
- Output for permanent supply 6 V, 40 mA.
- Noise level over 90 decibels at 1 m.
- Dimensions 212 x 139 x 52 mm.
- The units with auxiliary relay allow alarms to be activated remotely in the AKO-5605A centralizer.



**AKO-5404C**  
Installed in cabin



**AKO-54041A** 230V or **AKO-54043** 120V  
Installed in cabin



Reference	Description	Family	Pack
<b>AKO-5404C</b>	Power supply unit 230 V without relay output	4400	12 Units
<b>AKO-54041A</b>	Power supply unit 230 V with relay output	4400	12 Units
<b>AKO-54043</b>	Power supply unit 120 V with relay output	4400	12 Units

## Alarms with emergency lighting for lifts, loudspeaker or siren type



**AKO-5405A**



**AKO-5409A**

These units comply with EN 81-1.

- Own autonomy of over one hour with automatic battery recharging.
- Output for rescue lighting 6 V, 500 mA.
- Output for permanent supply 6 V, 40 mA.
- Noise level over 90 decibels at 1 m.
- Dimensions 268 x 160 x 116 mm.
- With an auxiliary relay allowing alarms to be activated remotely in the AKO-5605A centralizer

Reference	Description	Family	Pack
<b>AKO-5405A</b>	Unit 230V, output 6V, alarm with loudspeaker	4400	12 Units
<b>AKO-5409A</b>	Unit 230V, output 12V, alarm with siren	4400	8 Units

## Panels for rescue lighting in cabin, external power supply



These lights panels supplied by alarms come on automatically in the event of loss of electricity, carrying out the function of rescue lighting.

- Material in self-extinguishing polycarbonate V 0 making them very secure against vandalism.
- Dimensions: 111 x 77 x 26 mm.

Reference	Description	Family	Pack
<b>AKO-5406</b>	Surface panel with 2 6 V lamps	4400	24 Units
<b>AKO-54061</b>	Surface panel with 2 12 V lamps	4400	12 Units
<b>AKO-549505</b>	Lamp 6V, 0,20 A, spare	4400	25 Units (B)

(B) Minimum, indivisible pack units.

## Alarm with emergency lighting for lifts, for fluorescent lamps from 18 to 30 W



These units comply with EN 81-1.

- Own autonomy of over one hour with automatic Ni-Cd battery recharging.
- Rescue lighting output for system with fluorescent tube.
- Output for permanent supply 12 V, 40 mA.
- With an auxiliary relay allowing alarms to be activated remotely in the AKO-5605A centralizer.

Reference	Description	Family	Pack
<b>AKO-5413</b>	Power supply unit for fluorescent lamps from 18 to 30 W	4400	6 Units

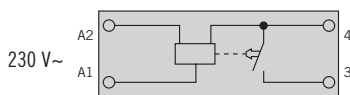
## Phase detector relays Fault or imbalance



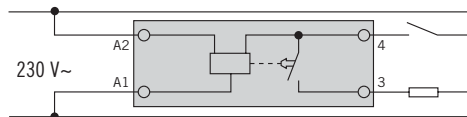
- UA single relay may be used at two power supply voltages.
- They detect a percentage voltage drop of the three phases.
- They detect a percentage voltage drop of one of the phases.
- They detect phase inversion.
- Contact triggering delay between 1 and 2 sec.
- Maximum contact intensity 8 A, 250 V~, cos $\phi$ =1.
- DIN 42880 box dimensions 90 x 71 x 58 mm.
- Combustibility degree V 0 according to UL94.

Reference	Description	Family	Pack
<b>AKO-5442B</b>	Detector relay for 400 V, 50 Hz and 230 V, 50 Hz	4240	12 Units
<b>AKO-54426</b>	Detector relay for 380 V, 60 Hz and 208 V, 60 Hz	4240	6 Units

## Timer relays for compressor response delay



**AKO-5256A**



**AKO-5255A**

Reference	Description	Family	Pack
<b>AKO-5255A</b>	Delay since last disconnection adj. de 50" to 300"	4240	10 Units
<b>AKO-5256A</b>	Response delay, adjustable de 30" to 300"	4240	10 Units

## Transparent protectors for fluorescent lamps

Protection of food from contamination.



Reference	Description	Family	Pack
<b>AKO-TUBO 14T</b>	For fluorescent lamp 14 W, Ø 16 mm, 549 mm length	4100	125 Units (B)
<b>AKO-TUBO 15T</b>	For fluorescent lamp 15 W, Ø 26 mm, 438 mm length	4100	25 Units (B)
<b>AKO-TUBO 18T</b>	For fluorescent lamp 18 W, Ø 26 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 20T</b>	For fluorescent lamp 20 W, Ø 38 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 21T</b>	For fluorescent lamp 21 W, Ø 16 mm, 849 mm length	4100	125 Units (B)
<b>AKO-TUBO 28T</b>	For fluorescent lamp 28 W, Ø 16 mm, 1149 mm length	4100	125 Units (B)
<b>AKO-TUBO 35T</b>	For fluorescent lamp 35 W, Ø 16 mm, 1449 mm length	4100	125 Units (B)
<b>AKO-TUBO 36T</b>	For fluorescent lamp 36 W, Ø 26 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 40T</b>	For fluorescent lamp 40 W, Ø 38 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 58T</b>	For fluorescent lamp 58 W, Ø 26 mm, 1500 mm length	4100	25 Units (B)
<b>AKO-TUBO 65T</b>	For fluorescent lamp 65 W, Ø 38 mm, 1500 mm length	4100	25 Units (B)
<b>AKO-TUBO 70T</b>	For fluorescent lamp 70 W, Ø 26 mm, 1740 mm length	4100	25 Units (B)
<b>AKO-617089</b>	For fluorescent lamp 30 W, Ø 26 mm, 895 mm length	4100	25 Units (B)
<b>AKO-617097</b>	For fluorescent lamp 25 W, Ø 26 mm, 970 mm length	4100	25 Units (B)
<b>AKO-61904</b>	For fluorescent lamp 25 W, Ø 26 mm, 818 mm length	4100	25 Units (B)
<b>AKO-619901</b>	White stopper for AKO-TUBOS diam. 26 mm	4100	50 Units (B)
<b>AKO-619902</b>	White stopper for AKO-TUBOS diam. 38 mm	4100	50 Units (B)
<b>AKO-619907</b>	White stopper for AKO-TUBOS diam. 16 mm	4100	50 Units (B)

(B) Minimum, indivisible pack units.

## Colour protectors for fluorescent lamps

They allow fluorescent lamps to be transformed into colour tubes.



Reference	Description	Family	Pack
<b>AKO-TUBO 18B</b>	<b>Blue</b> For fluorescent lamp 18 W, Ø 26 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 18G</b>	<b>Amber</b> For fluorescent lamp 18 W, Ø 26 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 18R</b>	<b>Red</b> For fluorescent lamp 18 W, Ø 26 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 18V</b>	<b>Green</b> For fluorescent lamp 18 W, Ø 26 mm, 590 mm length	4100	25 Units (B)
<b>AKO-TUBO 36B</b>	<b>Blue</b> For fluorescent lamp 36 W, Ø 26 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 36G</b>	<b>Amber</b> For fluorescent lamp 36 W, Ø 26 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 36R</b>	<b>Red</b> For fluorescent lamp 36 W, Ø 26 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 36V</b>	<b>Green</b> For fluorescent lamp 36 W, Ø 26 mm, 1200 mm length	4100	25 Units (B)
<b>AKO-TUBO 58B</b>	<b>Blue</b> For fluorescent lamp 58 W, Ø 26 mm, 1500 mm length	4100	25 Units (B)
<b>AKO-TUBO 58G</b>	<b>Amber</b> For fluorescent lamp 58 W, Ø 26 mm, 1500 mm length	4100	25 Units (B)
<b>AKO-TUBO 58R</b>	<b>Red</b> For fluorescent lamp 58 W, Ø 26 mm, 1500 mm length	4100	25 Units (B)
<b>AKO-TUBO 58V</b>	<b>Green</b> For fluorescent lamp 58 W, Ø 26 mm, 1500 mm length	4100	25 Units (B)

(B) Minimum, indivisible pack units.