

TYPE	ORDER CODES	TYPE
QUADRICOLOR lamp, green, blue, amber and red	Tipo 04Q1B	Terminal unit, gray
QUADRICOLOR lamp, green, blue, amber and red	Tipo 94Q1B	Terminal unit, black
QUADRICOLOR lamp, green, blue, amber and red	Tipo 04Q7B	With integrated audible unit, terminal unit gray
QUADRICOLOR lamp, green, blue, amber and red	Tipo 94Q7B	With integrated audible unit, terminal unit black
TRICOLOR lamp, green, red and amber	Tipo 04T1B 532	Above tricolor is possible to add other units, terminal unit is gray
TRICOLOR lamp, blue, red and amber	Tipo 04T1B 632	Above tricolor is possible to add other units, terminal unit is gray
TRICOLOR lamp, green, amber and red	Tipo 94T1B 532	Above tricolor is possible to add other units, terminal unit is black
TRICOLOR lamp, blue, amber and red	Tipo 94T1B 632	Above tricolor is possible to add other units, terminal unit is black
TRICOLOR lamp, green, amber and red	Tipo 04T5B 532	Under tricolor is possible to add other units, terminal unit is gray
TRICOLOR lamp, blue, white and red	Tipo 04T5B 632	Under tricolor is possible to add other units, terminal unit is gray
TRICOLOR lamp, green, amber and red	Tipo 94T5B 532	Under tricolor is possible to add other units, terminal unit is black
TRICOLOR lamp, blue, amber and red	Tipo 94T5B 632	Under tricolor is possible to add other units, terminal unit is black
TRICOLOR lamp, green, amber and red	Tipo 04T7B 532	With integrated audible unit, terminal unit gray
TRICOLOR lamp, blue, amber and red	Tipo 04T7B 632	With integrated audible unit, terminal unit gray
TRICOLOR lamp, green, amber and red	Tipo 94T7B 532	With integrated audible unit, terminal unit black
TRICOLOR lamp, blue, amber and red	Tipo 94T7B 632	With integrated audible unit, terminal unit black



COMBINED MULTICOLOR LIGHT AND AUDIO INTEGRATED TYPE 94T7B

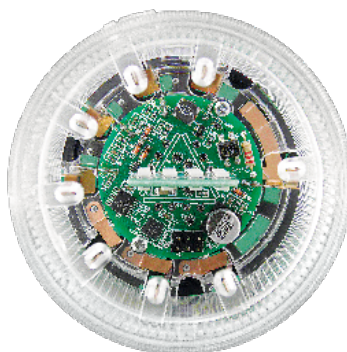


TIPO 94T5B

The only one multicolor lamp that allow you to integrate information with audible or light unit.



TIPO 04T5B



CLICK CLACK → see page 29
 MECHANICAL DRAWINGS → see page 62
 IF NECESSARY, COMPLETE WITH MOUNTING ACCESSORIES → see page 26

S 180



- With 2 alarms on, the lamp light alternatively up, following the event occurred
- Bicolor lamp light, 1 lamp. 2 signalling lights
- Flashing light, different color combinations.
- Bright, compact, flexible, unique.
- Easy to install.

TECHNICAL FEATURES

Compliance

Directive 2006/95/EC Low Voltage
 Directive 2004/108/EC Electromagnetic Compatibility
 Directive 2011/65/EC RhOS
 Directive 2006/42/EC Machinery

Conformity to standards

EN 60947.5.1 - EN 60073 - EN 60529 - EN 60068.2.6 and
 27 - EN 60204.1 - EN ISO 7731 - EN 981 - IEC 536

Material

Polycarbonate (PC)

Voltage

24 V DC

Current

45 mA

Sound frequency

4000 Hz

Effective dB, determined at a distance of 1 meter
 from sound module
 80 dB

Protection degree

IP 54, clamps IP 20 according to EN 60529
 (with base 85-AS,CS,DS,IP30)

Protection against electric shock
 Class II, safety insulation, IEC 536

Resistance to vibrations

2 g min.(10 - 150 Hz) according to EN 60068.2.6

Operating Temperature

- 20° C + 40° C

Connections

With screw cable clamp (maximum cable size 1,5mm²)
 seated at the bottom

NOTES	ORDER CODES	NOTES
BICOLOR lamp, amber and red	Tipo AA4B32B	Dome height 65 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, amber and red	Tipo AF4B32B	Dome height 60 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, green and red	Tipo AA4B52B	Dome height 65 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, green and red	Tipo AF4B52B	Dome height 60 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, amber, red with integrated sound	Tipo AA4B732B	Dome height 65 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, amber, red with integrated sound	Tipo AF4B732B	Dome height 60 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, green, red with integrated sound	Tipo AA4B752B	Dome height 65 mm 22 mm hole for direct mounting or with base and pole
BICOLOR lamp, green, red with integrated sound	Tipo AF4B752B	Dome height 60 mm 22 mm hole for direct mounting or with base and pole



STEADY UNIT AND INTEGRATED PULSE SOUND

Combined beacon (steady) and sounder with pulse or continuous audio signal.
The sounder can be fixed only as last sector.

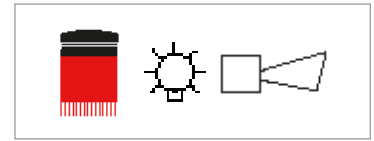
Operating Voltage
24 V DC (ac)

Current consumption
with 5 W filament bulbs, continuous sound
24 V, 230 mA
with LED bulbs, continuous sound
24 V, 75 mA

Light output
LED or filament bulb

Bulb type
with bayonet connection BA 15d

Sound frequency
600 - 3000 Hz



Type 127NB



Type 127EB

Bulbs not included

COLOR	ORDER CODES				
	85 dB/IP54 Separated control	85 dB/IP54 Separated control	85 dB/IP54 Common control	100 dB/IP 64 Common control	85 dB/ IP 54 separated power supply
●	127IB	127EB	12B73	127NB	127CB
●	137IB	137EB	13B73	137NB	137CB
●	147IB	147EB	14B73	147NB	147CB
●	157IB	157EB	15B73	157NB	157CB
●	167IB	167EB	16B73	167NB	167CB
●	127IB		19B73	197NB	197CB
	continuous sound	pulse sound	continuous sound	continuous sound	pulse or continuous sound

FLASHING UNIT AND INTEGRATED PULSE SOUND

Combined beacon (flashing) and sounder with pulse or continuous audio signal.
The sounder can be fixed only as last sector.

Operating Voltage
24 V AC/DC - 115 V - 240 V AC

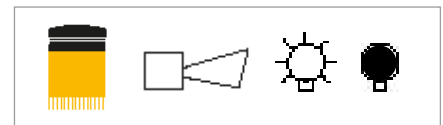
Current consumption
with 5 W filament bulbs:
24 V DC - 230 mA / 24 V AC - 250 mA / 115 V AC - 35 mA / 240 V AC - 55 mA
with LED bulbs:
24 V, < 50 mA - 115 V, < 18 mA - 240 V, < 17 mA

Light output
LED or filament bulb

Bulb type
bayonet connection BA 15d

Flash frequency
1.4 Hz approx. (84 flashes per min.) according to EN 60073

Sound frequency
600 - 3000 Hz



Type 227NB



Type 227EB

Filament bulbs included

COLOR	ORDER CODES					
	85 dB/IP54 Separated control	100 dB/IP 64 Separated control	85 dB/IP 54 Common control	85 dB/IP 54 Common control	85 dB/IP 54 Common control	85 dB/ IP 54 Separated power supply
	24 V DC	24 V DC	24 V DC/AC	115 V AC	230 V AC	24 V DC
●	227EB	227NB	22B73	22F73	22G73	227CB
●	237EB	237NB	23B73	23F73	23G73	237CB
●	247EB	247NB	24B73	24F73	24G73	247CB
●	257EB	257NB	25B73	25F73	25G73	257CB
●	267EB	267NB	26B73	26F73	26G73	267CB
●	297EB	297NB	29B73	29F73	29G73	297CB
	pulse sound	pulse sound	pulse sound	pulse sound	pulse sound	pulse or continuous sound

COMBINED MULTIFUNCTIONAL LIGHT LED AND AUDIBLE UNIT

Combined beacon (multifunction) and sounder with pulse or continuous audio signal. The sounder can be fixed only as last sector.

Operating Voltage
24 V DC (ac)

Current consumption
24 V DC, 75/130 mA

Light output
36 ultra bright LED integrated

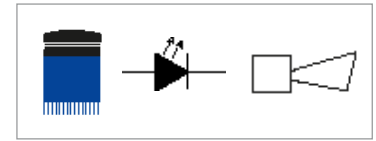
Lasting
more than 50.000 working hours

Operating modes
Steady light, flashing or rotating light (to change the function shift the jumper inside)

Flash frequency
1.4 Hz approx. (84 flashes per min.) according to EN 60073

Rotation frequency
1 revolution per second approx.

Sound frequency
600 - 3000 Hz



Type 46R7TB



Type 46R7EB

COLOR	ORDER CODES			
	100 dB/IP 64 Separated control	85 dB/IP54 Separated control	100 dB/IP 64 Separated control	85 dB/ IP 54 Separated power supply
●	42R7TB	42R7EB	42R7NB	42R7CB
●	43R7TB	43R7EB	43R7NB	43R7CB
●	44R7TB	44R7EB	44R7NB	44R7CB
●	45R7TB	45R7EB	45R7NB	45R7CB
●	46R7TB	46R7EB	46R7NB	46R7CB
●	49R7TB	49R7EB	49R7NB	49R7CB
	continuousound	pulse sound	pulse sound	pulse or continuous sound

COMBINED LIGHT AND AUDIBLE UNIT (steady or flashing light)

Combined beacon (multifunction) and sounder with pulse or continuous audio signal. The sounder can be fixed only as last sector.

Operating Voltage
24 V DC (ac)

Current consumption
24 V DC, 75/130 mA

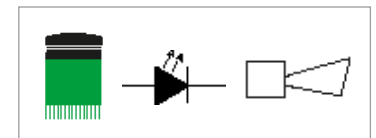
Illumination
36 ultra bright LED integrated

Lasting
more than 50.000 working hours

Operating modes
Steady or flashing light (to change the function shift the jumper inside)

Flash frequency
1.4 Hz approx. (84 flashes per min.) according to EN 60073

Sound frequency
600 - 3000 Hz



Type 45K7TB



Type 45K7EB

COLOR	ORDER CODES			
	100 dB/IP 64 Separated control	85 dB/IP54 Separated control	100 dB/IP 64 Separated control	85 dB/ IP 54 Separated power supply
●	42K7TB	42K7EB	42K7NB	42K7CB
●	43K7TB	43K7EB	43K7NB	43K7CB
●	44K7TB	44K7EB	44K7NB	44K7CB
●	45K7TB	45K7EB	45K7NB	45K7CB
●	46K7TB	46K7EB	46K7NB	46K7CB
●	49K7TB	49K7EB	49K7NB	49K7CB
	pulse sound	pulse sound	pulse sound	pulse or continuous sound

STEADY OR FLASHING LIGHT UNIT WITH INTEGRATED SOUND

Flashing light unit with integrated pulse sound, common power supply.

Operating Voltage

24 V AC/ DC

Current consumption

Flashing light:

with incandescent 5W bulbs:

24 V, 145 mA - 115 V, 25 mA - 230 V, 15 mA

With LED bulbs:

24 V, < a 50 mA - 115 V, < a 18 mA - 230 V, < a 17 mA

Steady light

with incandescent 5W bulbs:

24 V, 210 mA - 115 V, 43 mA - 240 V, 22 mA

With LED bulbs: 24 V, < a 50 mA - 115 V, < a 18 mA - 240 V, < a 17 mA

Light output

by means of LED or filament bulbs

Flash frequency approx. 1,4 Hz (84 flashes per minute) according to EN 60073

Sound

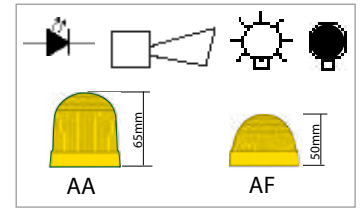
pulse or continuous

Sound frequency

4000Hz

Effective dB determined at a distance of 1 meter from sound module

pulse signal 80 dB



AA	ORDER CODES		AF	ORDER CODES	
	24 V DC (ac)			24 V DC (ac)	
COLOR	filament bulb	LED bulb	COLOR	filament bulb	LED bulb
●	AA22-B7	AA224B7	●	AF22-B7	AF224B7
●	AA23-B7	AA234B7	●	AF23-B7	AF234B7
●	AA24-B7	AA244B7	●	AF24-B7	AF244B7
●	AA25-B7	AA254B7	●	AF25-B7	AF254B7
●	AA26-B7	AA264B7	●	AF26-B7	AF264B7
●	AA29-B7	AA294B7	●	AF29-B7	AF294B7

Accessories, see page 43/44

LED LIGHT UNIT WITH INTEGRATED SOUND

Flashing light unit with pulse sound, steady light unit with continuous sound, common power supply.

To change the function, shift the jumper inside.

Light output

by means of 6 ultra bright LED

Lasting

> 50000 hours

Operating voltage

24v ac/dc

Current consumption

24V AC/DC,55 mA

Flash frequency

approx. 1,4 Hz (84 flashes per minute) according to EN 60073

Sound frequency

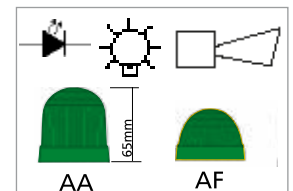
3500 Hz

Repetition signal frequency

1Hz according to EN 457

Effective dB determined at a distance of 1 meter from sound module

pulse signal 80 dB - continuous signal 77 dB (24VDC)



AA	ORDER CODES		AA	ORDER CODES	
	24V DC-AC			24V DC-AC	
COLOR	flashing light with pulse sound	steady light with continuous sound	COLOR	flashing light with pulse sound	steady light with continuous sound
●	AA42ABL	AA42ABF	●	AF42ABL	AF42ABF
●	AA43ABL	AA43ABF	●	AF43ABL	AF43ABF
●	AA44ABL	AA44ABF	●	AF44ABL	AF44ABF
●	AA45ABL	AA45ABF	●	AF45ABL	AF45ABF
●	AA46ABL	AA46ABF	●	AF46ABL	AF46ABF
●	AA49ABL	AA49ABF	●	AF49ABL	AF49ABF

Accessories, see page 43/44

LED LIGHT LAMP WITH INTEGRATED SOUND, SEPARATED CONTROL

Separated control
pre-set with flashing light and pulse sound (to change the function shift the jumper inside)

Light output
by means of ultra bright LEDs

Lasting
> 50.000 working hours

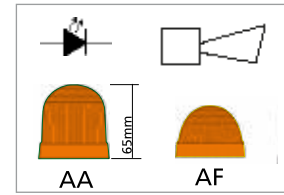
Operating Voltage
12 or 24 V AC/DC

Current consumption
24 V, 60 mA

Flash frequency
approx. 1,4 Hz (84 flashes per minute) according to EN 60073

Sound frequency
2900 Hz

Effective dB determined at a distance of 1 meter from sound module
pulse signal 85 dB - continuous signal 82 dB (24VDC)



AA	ORDER CODES		AF	ORDER CODES	
	12 V DC-AC	24 V DC-AC		12 V DC-AC	24 V DC-AC
●	AA427AL	AA427BL	●	AF427AL	AF427BL
●	AA437AL	AA437BL	●	AF437AL	AF437BL
●	AA447AL	AA447BL	●	AF447AL	AF447BL
●	AA457AL	AA457BL	●	AF457AL	AF457BL
●	AA467AL	AA467BL	●	AF467AL	AF467BL
●	AA497AL	AA497BL	●	AF497AL	AF497BL

Accessories, see page 43/44



BULBS

LED bulbs BA 15d

COLOR	ORDER CODES					
	24V DC-AC	115V AC	240V AC	24V DC-AC	115V AC	240V AC
●	11EB2	11EF2	11EG2	11KB2	11KF2	11KG2
●	11EB4	11EF4	11EG4	11KB4	11KF4	11KG4
●	11EB5	11EF5	11EG5	11KB5	11KF5	11KG5
●	11EB6	11EF6	11EG6	11KB6	11KF6	11KG6
●	11EB9	11EF9	11EG9	11KB9	11KF9	11KG9

Bulb "K"
only for AA



Filament bulbs BA 15d

ORDER CODES				
12V/5W	24V/5W	30V/5W	130V/5W	260V/5W
11-12	11S24	1130V	11E15	11E30



S 230

BUZZERS FOR PANEL MOUNTING



- Wide range of piezo and magnetic buzzers for panel mounting
- Low current consumption and continuous operation
- Plug with screw connection for easy installation

ECX71 TECHNICAL FEATURES

Audio signal device for panel mounting (Ø 22) pulse audio and visual signalling.

Sound frequency

+/- 3.500 Hz

Signal repetition frequency

+/- 1Hz

Effective dB determined at a distance of 1 meter from sound module

78 dB

Protection degree

IP20

Operating Voltage

24V DC/AC or 115 V AC, 230V AC

Current consumption

24V / 25 mA – 115 v /15 mA, 230V, 10 mA

Dimension

30 mm x 15 mm



ORDER CODES

24V DC-AC	115V AC	230V AC
ECX2071-24R	ECX2071-127R	ECX2071-230R

ECX70 TECHNICAL FEATURES

Audio signal device for panel mounting (Ø 22 mm) pulse audio signalling.

Sound frequency

+/- 3.500 Hz

Signal repetition frequency

+/- 1Hz

Effective dB determined at a distance of 1 meter from sound module

78 dB

Protection degree

IP20

Operating Voltage

24V DC/AC, 48V AC/DC or 115 V AC, 230V AC

Current consumption

24V / 20mA, 48V /25mA, 115 v /15 mA, 230V /10mA

Operating temperature

-20°C + 50°C

Lasting

5.000 hours

Connections
by means of screw clamps

Max cable size

1,5 mm

Housing

ABS

Dimension

30 mm x 15 mm

ORDER CODES

24 V AC/DC	48 V AC/DC	115 V AC	230 V AC
ECX2070-24	ECX2070-48	ECX2070-127	ECX2070-230

