Stack lights

370 Serie

Modular **stack** light

Ø 70

Modular stack light with standard diamether (Ø 70 mm) able to use **multicolor and multifunction** modules.

The 370 is the first stack light able to overlap up to 7 modules.

The quality, duration and innovative technical solutions are the basis of its success.

Technical features

Compliance

Directive CEE 2014/35 Low voltage - Directive CEE 2014/30
Electromagnetic compatibility - Directive CEE 2006/42 Machinery

Conformity to standards

EN 60204.1 - EN 60947.5.1 - EN 60073 - EN 60529 -
EN 60068.2.6 - EN60068-2-27 - EN ISO 7731 - EN 981 - IEC 536

Material

Visual and audio module, cable unit, polycarbonate cap and base.
Anodised aluminium or polycarbonate tube.
Nylon glass fiber fitting for 90 ° fixing.

Operating voltage

240 V max.

Protection degree

IP 64 (if correctly assembled with cap and gasket)

Homologations

UL, CSA, CE

Protection against electric shock

Class II, double safety insulation with polycarbonate poles.

Class I with metal poles according to IEC 536.

Operating temperature

- 20° C + 50° C (12V 40°C)

Resistance to vibrations

2 day min (10-150 Hz) according to EN 60068-2-6.

Modules color

Bulb

Bayonet connection type BA 15d - 5W max.
With flash circuits Xenon bulb

Number of combinable units

Max 7 units (excluding the single lamp version which allows a maximum of 2)
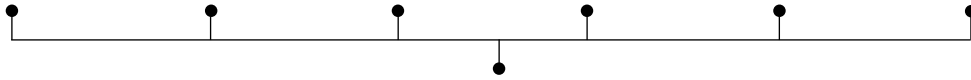
Connections

With screw cable clamp, M12 connector 5 and 8 poles,or
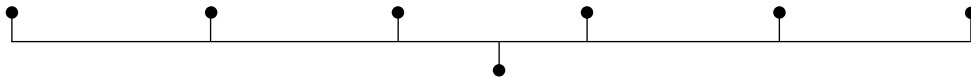5-poles cable

Connection ID Code

Common marking "C" to all signal units. Mark 1 to 7 references for each individual unit from below.

Modular structure

COMBINED MODULES
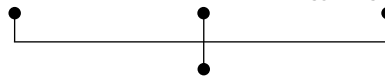
ACOUSTIC MODULES

LIGHT MODULES

TERMINAL UNITS

COMPACT TERMINAL UNIT	STANDARD	WITH CABLE GLAND	PRE-WIRED CONNECTION UNIT	WITH MAGNETIC SEAL

ACCESSORIES

55P62	54-90	88-22	54-10	88-10	54-10	88M10	88M10	88F10

54-10

54M65

*Click*Clack
Quick removal unit
Discover more ...

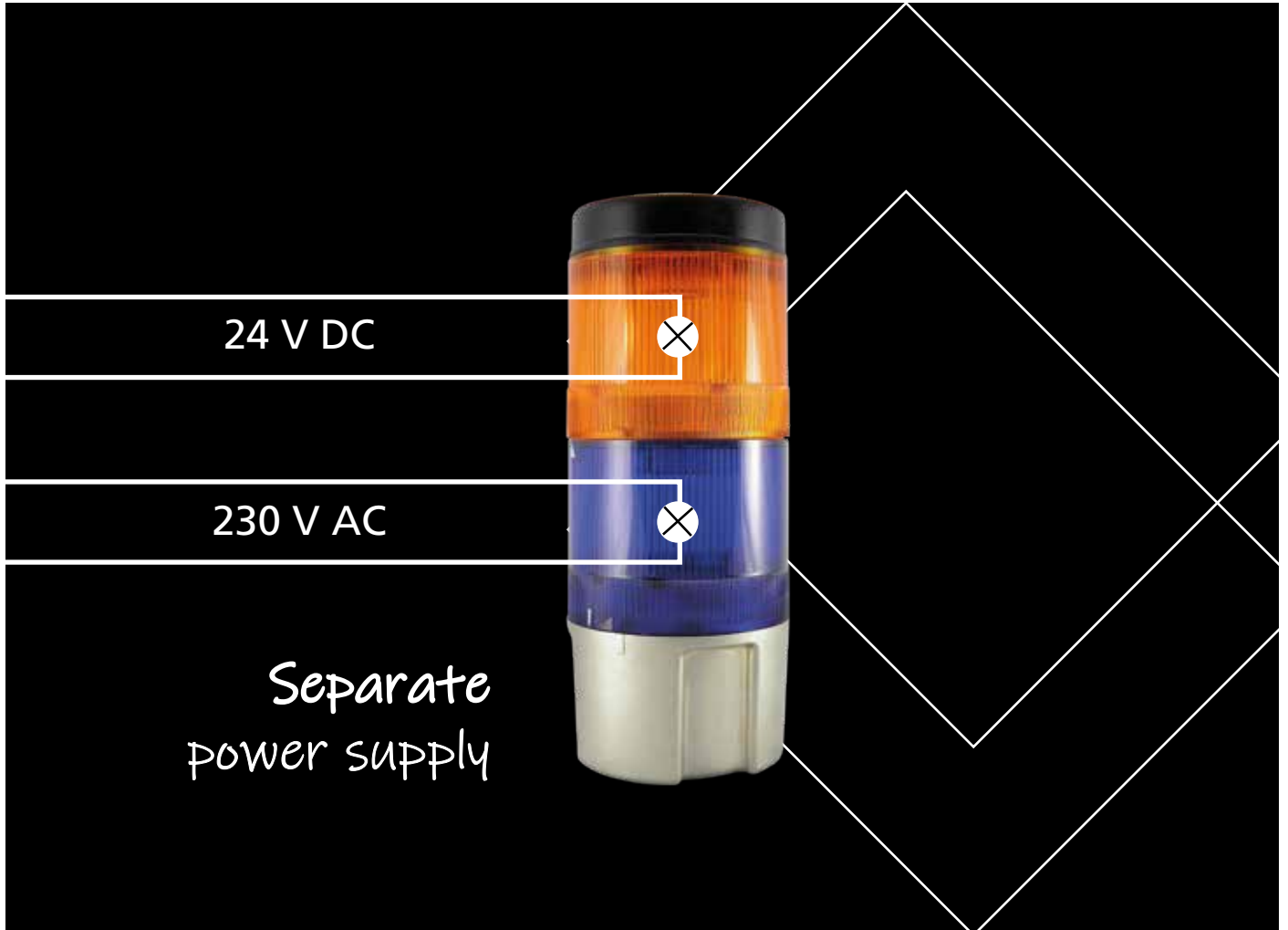| 80-KK	55P62	80-KK

55P62

ClickClack

Anti-removal
block
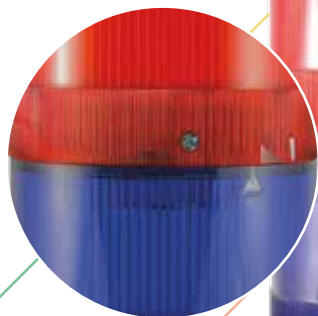
Custom colors

24 V DC

230 V AC

Separate
power supply

Terminal units

Its the **connection unit between modules and the control circuits.**

Essential for the correct functioning of the light column.

Standard terminal unit

The connection terminal block has 8 terminals, allows the assembly of 7 light sectors or alternatively 6 light sectors plus an acoustic module. Possibility of direct installation or on polycarbonate extension pole.

Codes and data for ordering		
⬤	▣	90-01
⬤	▣	90-02
⬤	▣	90-07
⬤	⏚	90M01
⬤	⏚	90M02
⬤	⏚	90M07

⚙ **Technical** features

Operating voltage

Max 240V, 35 W

Protection degree

IP 64 if correctly mounting

with cap and gasket

Protection against electric shock

Class II

Operating temperature

-20/+50 C°

Material

Polycarbonate

Compact terminal unit

M12 male connector with 5 or 8 poles. The 5-pole connector allows the assembly of 4 light sectors or 3 light sectors and an acoustic one, the 8-pole connector allows the assembly of 7 light sectors or alternatively 6 light sectors plus an acoustic one.

Codes and data for ordering		
⬤	▣	93S02
⬤	▣	93S02C5
⬤	▣	93S02C8
⬤	▣	93S07
⬤	▣	93S07C5
⬤	▣	93S07C8

⚙ **Technical** features

Operating voltage

Max 240V, 35 W

Protection degree

IP 54 if correctly mounting

with cap and gasket

Protection against electric shock

Classe II

Operating temperature

-20/+50 C°

Material

Bayblend

Terminal unit with magnetic seal

Easy assembly without drilling. Great flexibility of use, possibility of rapid repositioning. Perpendicular installation without problems. Equipped with M12 cable gland for lateral cable entry. We recommend the use of a maximum of 5 signaling modules (4 luminous + 1 acoustic). Equipped with cap top cover when the acoustic device is not used.

Codes and data for ordering		
⬤	▣	90R01
⬤	▣	90R02
⬤	▣	90R07

⚙ **Technical** features

Operating voltage

Max 240V, 35 W

Protection degree

IP 64 if correctly mounting

with cap and gasket

Protection against electric shock

Class II

Operating temperature

-20/+50 C°

Material

Polycarbonate

Terminal units

Connections with terminals or pre-wired. **Screw terminals or with wire clamp**. **Section max 1,5 mm^2**.

Connection identification: **C-** common for all sectors **1 - 7** reference of the colored sectors starting from the bottom.

Terminal unit
with cable gland

Connection area with M12 cable gland for lateral entry of the connection conductor. The connection terminal block has 8 terminals, allows the assembly of 7 light sectors or 6 light sectors plus an acoustic one. Possibility of direct installation. Equipped with cap top cover when the acoustic device is not used.

Terminal unit
with cable

Connection area with M12 male 5-poles connector complete with cable 30 cm long or with 5-poles cable 50 cm long. 5-poles connector allows the assembly of 4 light sectors or 3 light sectors plus an acoustic one. Possibility of direct installation (available 4 predisposition types with two different centers) or on polycarbonate extension pole. Can be combined with all accessories. Equipped with cap top cover when the acoustic device is not used.

C5 -> 30 cm cable equipped with a 5-pole M12 male connector
CF -> 5-pole cable with a length of 50 cm

Codes and data for ordering		
●	▣	90-01PC
●	▣	90-02PC
●	▣	90-07PC

Codes and data for ordering		
●	▣	90-01C5
●	▣	90-02C5
●	▣	90-07C5

Codes and data for ordering		
●	▣	90-01CF
●	▣	90-02CF
●	▣	90-07CF

⚙ **Technical** features

Operating voltage
Max 240V, 35 W
Protection degree
IP 64 if correctly mounting
with cap and gasket
Protection against electric shock
Class II
Operating temperature
-20/+50 C°
Material
Polycarbonate

⚙ **Technical** features

Operating voltage
Max 240V, 35 W
Protection degree
IP 54 if correctly mounting
with cap and gasket
Protection against electric shock
Classe II
Operating temperature
-20/+50 C°
Material
Bayblend

Quadricolor module

Light module with **bright and diffuse LED**. In the presence of 2 or more alarms, the module lights up alternately in the colors corresponding to the event. It has a lens with horizontal and vertical lines for a correct diffusion at 360 °.
Two other sectors can be stacked in addition to the Quadricolor sector.

Code	Colors	Bulb	Functions	Sound	Operating Voltage	Current consumption
4Q1B 5632	🔴🟠🔵🟢	LED	Steady light Flashing light	Pulse or continuous	24V DC-AC	110 mA

Tricolor module

Light module with **bright and diffuse LED**. In the presence of 2 or more alarms, the module lights up alternately in the colors corresponding to the event. It has a lens with horizontal and vertical lines for a correct diffusion at 360 °.
Three other sectors can be stacked in addition to the Tricolor sector.

Code	Colors	Bulb	Functions	Sound	Operating Voltage	Current consumption
4T1B 532	🔴🟠🟢	LED	Steady light	Pulse or continuous	24V DC	100 mA
4T5B 532	🔴🟠🟢	LED	Steady light	Pulse or continuous	24V DC	100 mA
M4T5B 532	🔴🟠🟢	LED	Steady light Flashing light Rotating light Multifunction	Pulse or continuous	24V DC	100 mA
4T1B 632	🔴🟠🔵	LED	Steady light	Pulse or continuous	24V DC	100 mA
4T5B 632	🔴🟠🔵	LED	Steady light	Pulse or continuous	24V DC	100 mA
M4T5B 632	🔴🟠🔵	LED	Steady light Flashing light Rotating light Multifunction	Pulse or continuous	24V DC	100 mA

Steady light module with LED light

Steady light module with diffuses lighting. Progressive color variations of the module delete the possibility of incorrect communications. The use of Leds as a light source ensures safety for operators.
Eco-friendly design; recyclability, reusability and reparability.

⚙ Technical features

Type of optics

Lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source

with 10 high brightness LEDs

Bulb

with bayonet connection type BA 15d

Operating voltage

from 24 V to 240 V

Current consumption

max 50 mA

Colored module

Module color	Codes and data for ordering		
	24 V DC-AC	115 V AC	240 V AC
🔴	12-4B	12-4F	12-4G
🟠	13-4B	13-4F	13-4G
🟡	14-4B	14-4F	14-4G
🟢	15-4B	15-4F	15-4G
🔵	16-4B	16-4F	16-4G
⚪	19-4B	19-4F	19-4G

Neutral module

Light color	Codes and data for ordering		
	24 V DC-AC	115 V AC	240 V AC
🔴	6124B	6124F	6124G
🟠	6134B	6134F	6134G
🟡	6144B	6144F	6144G
🟢	6154B	6154F	6154G
🔵	6164B	6164F	6164G

Steady light module with high brightness LEDs

The use of high brightness LED, ensure safe communications in all operating conditions. LED technology cancels maintenance, ensures long life and greater safety for operators.
Eco-friendly design; recyclability, reusability and reparability.

⚙ **Technical** features

Type of optics
Lens with triangular rifling horizontal and vertical for a correct 360° diffusion
Light source
with 45 high brightness LEDs
Differentiated light: Progressive color variations of the module delete the possibility of incorrect communications.

Diffused light: The module is illuminated evenly over all its surface.
Bulb
with bayonet connection type BA 15d
Operating voltage
from 24 V to 240 V
Current consumption
max 150 mA

Colored module

Module color	Codes and data for ordering					
	12 / 24 V		115 V AC		240 V AC	
🔴	12H4B	12HD4B*	12H4F	12HD4F*	12H4G	12HD4G*
🟠	13H4B	13HD4B*	13H4F	13HD4F*	13H4G	13HD4G*
🟡	14H4B	14HD4B*	14H4F	14HD4F*	14H4G	14HD4G*
🟢	15H4B	15HD4B*	15H4F	15HD4F*	15H4G	15HD4G*
🔵	16H4B	16HD4B*	16H4F	16HD4F*	16H4G	16HD4G*
⚪	19H4B	19HD4B*	19H4F	19HD4F*	19H4G	19HD4G*

*Diffused lighting

Neutral module

Light color	Codes and data for ordering					
	12 / 24 V		115 V AC		240 V AC	
🔴	612H4B	612HD4B*	612H4F	612HD4F*	612H4G	612HD4G*
🟠	613H4B	613HD4B*	613H4F	613HD4F*	613H4G	613HD4G*
🟡	614H4B	614HD4B*	614H4F	614HD4F*	614H4G	614HD4G*
🟢	615H4B	615HD4B*	615H4F	615HD4F*	615H4G	615HD4G*
🔵	616H4B	616HD4B*	616H4F	616HD4F*	616H4G	616HD4G*
⚪	619H4B	619HD4B*	619H4F	619HD4F*	619H4G	619HD4G*

*Diffused lighting

Steady light module with BA 15d lamp holder

Steady light module with BA 15d lamp holder.
It allows the use of LED bulbs in addition to 5 W filament ones. Bulbs not included.
Eco-friendly design; recyclability, reusability and reparability.

⚙ Technical features

Type of optics
Lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
LEDs or filament bulbs

Bulb
with bayonet connection type BA 15d
Max 5 W

Operating voltage
from 12 V to 240 V

Module color	Codes and data for ordering	
🔴	12-00	12D00*
🟠	13-00	13D00*
🟡	14-00	14D00*
🟢	15-00	15D00*
🔵	16-00	16D00*
⚪	19-00	19D00*

*Diffused lighting

Module color	Codes and data for ordering
🔴	12Y00
🟠	13Y00
🟡	14Y00
🟢	15Y00
🔵	16Y00
⚪	19Y00

Independentely powered module. Max 3 stackable modules.

Flashing light module with LED light

Flashing light module that guarantees reliable and unequivocal information over time.
LED technology cancels maintenance, ensures long life and greater safety for operators.
Eco-friendly design; recyclability, reusability and reparability.

⚙ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
LEDs bulb

Differentiated light: Progressive color variations of the module delete the possibility of incorrect communications.

Bulb
bayonet connection type BA 15d - Max 5 W

Flashing frequency
approx. 1,4 Hz (84 flashes per minute)

Operating voltage
from 12 V to 240 V

Current consumption
24 V, < 50 mA – 115 V, < 18 mA – 240 V, < 17 mA

Colored module

Module color	Codes and data for ordering				
	12V DC-AC	24V DC-AC	48V AC	115V AC	240V AC
🔴	22-4A	22-4B	22-4D	22-4F	22-4G
🟠	23-4A	23-4B	23-4D	23-4F	23-4G
🟡	24-4A	24-4B	24-4D	24-4F	24-4G
🟢	25-4A	25-4B	25-4D	25-4F	25-4G
🔵	26-4A	26-4B	26-4D	26-4F	26-4G
⚪	29-4A	29-4B	29-4D	29-4F	29-4G

Neutral module

Light color	Codes and data for ordering				
	12V DC-AC	24V DC-AC	48V AC	115V AC	240V AC
🔴	6224A	6224B	6224D	6224F	6224G
🟠	6234A	6234B	6234D	6234F	6234G
🟡	6244A	6244B	6244D	6244F	6244G
🟢	6254A	6254B	6254D	6254F	6254G
🔵	6264A	6264B	6264D	6264F	6264G
⚪	6294A	6294B	6294D	6294F	6294G

High brightness LED **flashing light** module

High brightness LED module, excellent signalling at great distance and in very bright environments.
LED technology cancels maintenance and ensures long life.
Eco-friendly design; recyclability, reusability and reparability.

⚙ **Technical** features

Type of optics

lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source

with 45 high brightness LEDs

Differentiated light: Progressive color variations of the module delete the possibility of incorrect communications.

Diffused light: The module is illuminated evenly over all its surface.

Bulb

with bayonet connection type BA 15d

Flashing frequency

about 1,4 Hz (84 flashes per minute)

Operating voltage

from 24 V to 240 V

Current consumption

24 V, 130 mA – 115 V, 25 mA – 240 V 20 mA

Colored module

Module color	Codes and data for ordering					
	24 V DC / AC		115 V AC		240 V AC	
🔴	22H4B	22HD4B*	22H4F	22HD4F*	22H4G	22HD4G*
🟠	23H4B	23HD4B*	23H4F	23HD4F*	23H4G	23HD4G*
🟡	24H4B	24HD4B*	24H4F	24HD4F*	24H4G	24HD4G*
🟢	25H4B	25HD4B*	25H4F	25HD4F*	25H4G	25HD4G*
🔵	26H4B	26HD4B*	26H4F	26HD4F*	26H4G	26HD4G*
⚪	29H4B	29HD4B*	29H4F	29HD4F*	29H4G	29HD4G*

*Diffused lighting

Neutral module

Light color	Codes and data for ordering					
	24 V DC / AC		115 V AC		240 V AC	
🔴	622H4B	622HD4B*	622H4F	622HD4F*	622H4G	622HD4G*
🟠	623H4B	623HD4B*	623H4F	623HD4F*	623H4G	623HD4G*
🟡	624H4B	624HD4B*	624H4F	624HD4F*	624H4G	624HD4G*
🟢	625H4B	625HD4B*	625H4F	625HD4F*	625H4G	625HD4G*
🔵	626H4B	626HD4B*	626H4F	626HD4F*	626H4G	626HD4G*
⚪	629H4B	629HD4B*	629H4F	629HD4F*	629H4G	629HD4G*

*Diffused lighting

Flashing module filament lighting

Flashing module with differentiated lighting.
Progressive color variations of the module delete the possibility of incorrect communications.
Eco-friendly design; recyclability, reusability and reparability.

⚙ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
filament bulb

Bulb
with bayonet connection type BA 15d

Flashing frequency
about 1,4 Hz (84 flashes per minute)

Operating voltage
from 12 V to 240 V

Current consumption
with 5 W bulbs:
24 V, 130 mA – 115 V, 25 mA – 240 V 15 mA

Module color	Codes and data for ordering				
	12V DC-AC	24V DC-AC	48V AC	115V AC	240V AC
🔴	22-12	22-24	22-48	22-15	22-30
🟠	23-12	23-24	23-48	23-15	23-30
🟡	24-12	24-24	24-48	24-15	24-30
🟢	25-12	25-24	25-48	25-15	25-30
🔵	26-12	26-24	26-48	26-15	26-30
⚪	29-12	29-24	29-48	29-15	29-30

Differentiated light, bulbs included.

Strobe module with **Xenon** lamp

Strobe module ideal for drawing attention.
The yellow and blue colors enhance the characteristics of **Xenon** lamps.
Eco-friendly design; recyclability, reusability and reparability.

⚙ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
The module uses XENON gas. This source produces a short, intense flash. The white light is similar to sunlight but not to continuous spectrum.

Flashing frequency
about 1,4 Hz (84 flashes per minute)

Operating voltage
from 24 V to 240 V

Current consumption
24 V dc, 75 mA - 24 V ac, 135 mA
115 V ac, 20 mA – 240 V ac 15 mA

Module color	Codes and data for ordering		
	24V DC-AC	115V AC	240V AC
🔴	32-24	32-15	32-30
🟠	33-24	33-15	33-30
🟡	34-24	34-15	34-30
🟢	35-24	35-15	35-30
🔵	36-24	36-15	36-30
⚪	39-24	39-15	39-30

Light module ideal for remote signalling.

Multifunction module LED

Programmable LED module, 2 functions: **Flashing or steady** light,
ensures safe communications and simple storage management.
Eco-friendly design; **recyclability**, **reusability** and **reparability**.

⚙ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a
correct 360° diffusion

Light source
SMD high brightness LEDs

Differentiated light: Progressive color variations of the
module delete the possibility of incorrect communications

Diffused light: the module is illuminated evently over all
its surface

Functions
Flashing or steady (to change the function move the
internal jumper)

Flashing frequency
Min 1 Hz max 2 Hz

Operating voltage
24 V AC/DC

Current consumption
50 mA (unchanged for all types of lighting)

Colored module

Module color	Codes and data for ordering
	24 V DC-AC
🔴	42-KB
🟠	43-KB
🟡	44-KB
🟢	45-KB
🔵	46-KB
⚪	49-KB

Neutral module

Light color	Codes and data for ordering
	24 V DC-AC
🔴	426KB
🟠	436KB
🟡	446KB
🟢	456KB
🔵	466KB
⚪	496KB

Avoid false alerts caused by reflection of sunlight (Phantom effect).

Multifunction module high brightness LED

Multifunction LED module, 7 lighting's types: steady, flash, rotating, fast rotating, flashing, fast flashing, alternating flashing. Maximum flexibility, meets any signalling requirements.
Eco-friendly design; recyclability, reusability and reparability.

⚙️ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
36 SMD high brightness LEDs

Differentiated light: Progressive color variations of the module delete the possibility of incorrect communications

Diffused light: The module is illuminated evenly over all its surface

Functions
Steady, flashing, flash and rotating (to change the fun-

ction move the internal jumper)

Flashing frequency
Min 1 Hz max 2 Hz

Rotating frequency
about 1 Hz (60 rotating per minute)

Operating voltage
24 V AC/DC

Current consumption
24 V dc, 55 mA; 24 V ac, 85 mA
(unchanged for all types of lighting)

Colored module

Module color	Codes and data for ordering
	24 V DC-AC
🔴	42-24
🟠	43-24
🟡	44-24
🟢	45-H4
🔵	46-H4
⚪	49-H4

Neutral module

Light color	Codes and data for ordering	
	24 V DC-AC	
🔴	42624	42D24*
🟠	43624	43D24*
🟡	44624	44D24*
🟢	456H4	45HD4*
🔵	466H4	46HD4*
⚪	496H4	49HD4*

* Diffused lighting

Quadricolor module with sound

Quadricolor module,bright and diffused light with **multichannel acoustic device**.

Possibility to be controlled remotely.

In the presence of 2 or more alarms the module lights up alternately in the corresponding colors to the event.

⚙ **Technical** features

Type of optics

lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Colors

🔴🟠🔵🟢

Light source

SMD high brightness LEDs

Functions

Flashing or steady light

Sound

Pulse or continuous with possibility to change tone remotely

Operating voltage

24 V DC

Current consumption

110 mA

Number of stackable units

max 2 in addition to the Quadricolor module

Code	Colors	Bulb	Functions	Sound	Operating Voltage	Current consumption
4Q7B 5632	🔴🟠 🔵🟢	LED	Steady light Flashing light	Pulse or continuous	24V DC-AC	110 mA

Tricolor module with sound

Tricolor module, bright and diffused light with multichannel acoustic device.

Possibility to be controlled remotely.

In the presence of 2 or more alarms is illuminated alternately in the colors corresponding to the event.

⚙ **Technical** features

Type of optics

lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Colors

🔴🟠🔵 or 🔴🟠🟢

Light source

SMD high brightness LEDs

Functions

Flashing, steady or rotating light

Sound

Pulse or continuous with possibility to change tone remotely

Operating voltage

24 V DC

Current consumption

110 mA

Number of stackable units

max 3 in addition to the Tricolor module

Code	Colors	Bulb	Functions	Sound	Operating Voltage	Current consumption
4T7B 532	🔴🟠🟢	LED	Steady light	Pulse or continuous	24V DC	100 mA
M4T7B 532	🔴🟠🟢	LED	Steady light Flashing light Rotating light Multifunction	Pulse or continuous	24V DC / AC	100 mA
4T7B 632	🔴🟠🔵	LED	Steady light	Pulse or continuous	24V DC	100 mA
M4T7B 632	🔴🟠🔵	LED	Steady light Flashing light Rotating light Multifunction	Pulse or continuous	24V DC / AC	100 mA

Combined light and acoustic LED module

Combined light and acoustic module is a multi-purpose product. It's used as last sector or also as single beacon. Multichannel and powerfull acoustic device.

⚙ Technical features

Type of optics

lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source

SMD high brightness LEDs

Differentiated light: Progressive color variations of the module delete the possibility of incorrect communications.

Diffused light: The module is illuminated evenly over all its surface.

Functions

Flashing, rotanting or steady (to change the function move the internal jumper)

Sound

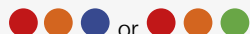Pulse or continuous with possibility to change tone remotely

Operating voltage

24 V DC

Current consumption

50 / 130 mA (unchanged for all types of lighting)

Module color	Codes and data for ordering		
	85 dB / IP54 Separate control	100 dB / IP64 Separate control	100 dB / IP64 Separate control
🔴	42K7EB	42K7NB	42K7TB
🟠	43K7EB	43K7NB	43K7TB
🟡	44K7EB	44K7NB	44K7TB
🟢	45K7EB	45K7NB	45K7TB
🔵	46K7EB	46K7NB	46K7TB
⚪	49K7EB	49K7NB	49K7TB
	Pulse Sound	**Pulse** Sound	**Continuous** Sound

Module color	Codes and data for ordering		
	85 dB / IP54 Separate control	100 dB / IP64 Separate control	100 dB / IP64 Separate control
🔴	42R7EB	42R7NB	42R7TB
🟠	43R7EB	43R7NB	43R7TB
🟡	44R7EB	44R7NB	44R7TB
🟢	45R7EB	45R7NB	45R7TB
🔵	46R7EB	46R7NB	46R7TB
⚪	49R7EB	49R7NB	49R7TB
	Pulse Sound	**Pulse** Sound	**Continuous** Sound

Combined light and acoustic module

The combined light and acoustic warning device is also widely used as a single warning, in the stack lights can be used only as last sector. Ideal for attracting attention in higher-risk applications.

⚙ Technical features

Type of optics

lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source

Filament bulb with bayonet connection type BA 15d - 5 W or LED bulbs. The module is without bulb.

Differentiated light: Progressive color variations of the module eliminate the possibility of wrong communications.

Functions

Steady light

Sound

Pulse or continuous with possibility to change tone remotely

Operating voltage

24 V DC / AC

Module color	Codes and data for ordering		
	85 dB / IP54 Separate control	85 dB / IP54 Separate control	100 dB / IP64 Separate control
🔴	127EB	127IB	127NB
🟠	137EB	137IB	137NB
🟡	147EB	147IB	147NB
🟢	157EB	157IB	157NB
🔵	167EB	167IB	167NB
⚪	197EB	197IB	197NB
	Pulse Sound	**Continuous** Sound	**Continuous** Sound

Combined flashing and acoustic module

The **combined flashing** and **acoustic warning device** is also widely used as a single warning device
in the stack lights can be used only as last sector
Ideal for attracting attention in higher-risk applications.

⚙ **Technical** features

Type of optics
lens with triangular rifling horizontal and vertical for a correct 360° diffusion

Light source
Filament bulb with bayonet connection type BA 15d
5 W or LED bulbs.

Differentiated light: Progressive color variations of the module delete the possibility of incorrect

communications.

Flashing frequency
about 1,4 Hz ((84 flashes per per minute)

Sound
Pulse or continuous with possibility to change tone remotely

Operating voltage
24 V DC / AC

Module color	Codes and data for ordering			
	85 dB / IP54 Separate control	100 dB / IP64 Separate control	85 dB / IP54 Unique control	85 dB / IP54 Unique control
	24 V DC	24 V DC	24 V DC / AC	115 V AC
🔴	227EB	227NB	22B73	22F73
🟠	237EB	237NB	23B73	23F73
🟡	247EB	247NB	24B73	24F73
🟢	257EB	257NB	25B73	25F73
🔵	267EB	267NB	26B73	26F73
⚪	297EB	297NB	29B73	29F73
	Pulse Sound	**Pulse** Sound	**Pulse** Sound	**Pulse** Sound

Bitonal audio signal device type 71 and 72

The bitonal audio signal device is used to attract the attention of operators in all high-risk processing.
This is used both on stack light and as single device.

⚙ Technical features

Sound

pulse or continuous

Sound frequency

3300 - 3700 Hz

Signal repetition rate

0,5 Hz

Operating voltage

24 V DC/AC - 115 / 230 AC

Current consumption

24 V DC, 32 mA - 24 V AC, 35 mA

230 V AC, 20mA

Protection degree

type 71, IP30 - type 72, IP64

Support color	Codes and data for ordering				
	85 dB - IP30 24 V DC / AC	71 dB - IP30 o IP64 24 V DC / AC	80 dB - IP30 115V - 230V AC	75 dB / IP64 24 V DC / AC	75 dB / IP64 115V - 230V AC
●	71-24	71-NB	71-W0	72-3B	72-W0
●	71-3B	71-PB	71TW0	72-5B	-
●	71-5B	72-24	-	-	-
○	71T24	72T24	-	-	-
	Bi-tonal	Bi-tonal	Bi-tonal	Bi-tonal	Bi-tonal

The audio signal device is used as the last module on the stack lights.

Bitonal audio signal device type 73

The bitonal audio signal device is used to attract the attention of operators in all high-risk processing.
This is used both on stack light and as single acoustic device.
Good sound power and protection degree.

⚙ Technical features

Sound	**Operating voltage**
pulse or continuous	24 V DC/AC - 115 / 230 AC
Sound frequency	**Current consumption**
2900 Hz	24 V DC, 30 mA - 115 V AC, 25 mA - 230 V AC, 20mA
Signal repetition rate	**Protection degree**
0,5 Hz	IP54

Support color	Codes and data for ordering	
	90 dB - IP54 24 V DC / AC	90 dB - IP54 115V - 230V AC
●	73-24	73-W0
●	73-5B	-
◐	73T24	73TW0
◐	73T5B	-
	Bi-tonal	Bi-tonal

The audio signal device is used as the last module on the stack lights.

Bitonal audio signal device type 77

The **audio signal device** reinforces the light module in all those high-risk processing where it is necessary to draw the operators' attention. This is used both on stack lights and as single device.

⚙ **Technical** features

Sound
pulse or continuous
Sound frequency
2600 Hz
Signal repetition rate
0,5 Hz
Operating voltage
24 V DC/AC - 115 / 230 AC

Current consumption
24V DC/AC, 200 mA - 115V AC, 40 mA - 230V AC, 30 mA
Protection degree
IP64

Support color	Codes and data for ordering		
	85 dB - IP64 24 V DC / AC	85 dB - IP64 115 V AC	85 dB - IP64 240 V AC
●	77-24	77-15	77-30
●	77T24	77T15	77T30
	Bi-tonal	Bi-tonal	Bi-tonal

The audio signal device is used as the last module on the stack lights.

Bitonal audio signal device type 75 high intensity

Particularly suitable in environments with high background noise level.
The audio signal device is used to attract the attention of operators in all high-risk processing.
This is used both on stack light and as single acoustic device.

⚙ **Technical** features

Sound	**Operating voltage**
pulse or continuous	24 V DC/AC - 115 / 230 AC
Sound frequency	**Current consumption**
2900 Hz	24 V DC, 200 mA - 115 V AC, 40 mA - 230 V AC, 60 mA
Signal repetition rate	**Protection degree**
0,5 Hz	IP54

Support color	Codes and data for ordering			
	100 dB - IP64 24 V DC / AC	95 dB - IP64 115 V AC	95 dB - IP64 115V - 230V AC	95 dB - IP64 240 V AC
●	75-24	75-15	75-W0	75-30
⚪	75T24	75T15	75TW0	75T30
	Bi-tonal	Bi-tonal	Bi-tonal	Bi-tonal

The audio signal device is used as the last module on the stack lights.

Bitonal audio signal device type 75 high intensity and low frequency

Particularly suitable in environments with high background noise level.

The audio signal device is used to attract the attention of operators in all high-risk processing.

This is used both on stack lights and as single signal device.

⚙ Technical features

Sound	**Operating voltage**
pulse or continuous	24 V DC/AC
Sound frequency	**Current consumption**
600 Hz	24 V, 60 mA
Signal repetition rate	**Protection degree**
0,5 Hz	IP54

Support color	Codes and data for ordering
	100 dB - IP64 24 V DC
●	75-CB
●	75-RB
◑	75TCB
◑	75TRB
	Bi-tonal

The audio signal device is used as the last module on the stack lights.

Multitone audio signal device type 75 / 77

The **ability to diversify the alarm tones** allows you to identify the machine that requires intervention
even in environments with high sound pollution.
Already equipped with a cap, the audible unit can only be fitted to the top of stack light.

⚙ Technical features

Sound	**Current consumption**
pulse or continuous	24 V, 40 mA
Sound frequency	**Protection degree**
2400 / 2600 Hz	IP54 / 64
Operating voltage	
24 V DC/AC	

Support color	Codes and data for ordering	
	82 dB - IP64 24 V DC / AC	95 dB - IP64 24 V DC / AC
●	77-MB	75-MB
◑	-	75TMB
	Multitone	Multitone

16 Tones.

The audio signal device is used as the last module on the stack lights

Anti-removal block

● It is a screw that blocks rotation
  preventing easy removal.

● The light column with these characteristics
  is supplied assembled.

Cod. -0Q   Add the code after each selected sector.

Exclusive colors

Terminal unit, base and extension tube

in the color you want!

To meet your every need we create mini-series in the colors indicated by the customer.
The supply is possible in all RAL colors, for some verification is necessary. Small differences are possible between the various lots

| **Cod. 90-0x/1018** | Exclusive color |
| **Cod. 54-0x/1018** | RAL 1018 - Add after each selected component |

A simple rotative motion permitted easy mounting without any tools.
Simplifies the removal of light units after testing. Reduces the volume of machines during shipment.
Saves on packaging and transport costs.
Combined with the connector allows a quick and error-free installation.

Cod. 80-KK   Quick removal system

ClickClack

Accessories

Bases with polycarbonate extension poles

	h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm
Grey Ø 80	80-01	80-02	80-03	80-04	80-05
Grey Ø 70	54-01	54-02	54-03	54-04	54-05
Light grey Ø 70	54-71	54-72	54-73	54-74	54-75
Black Ø 80	80-10	80-20	80-30	80-40	80-50
Black Ø 80	54-10	54-20	54-30	54-40	54-50

Polycarbonate extension poles

	h 100 mm
Grey	88-01
Light grey	87-71
Black	88-10

Bases with polycarbonate poles for 90° fixing

Grey Ø 80	80-09
Grey Ø 70	54-09
Light grey Ø 70	54-79
Black Ø 80	80-90
Black Ø 70	54-90

Bases with metal extension poles for 90° fixing

Grey Ø 80	80M09
Grey Ø 70	54M09
Light grey Ø 70	54M79
Black Ø 80	80M90
Black Ø 70	54M90

Metal bases with extension poles for 90° fixing

Pole	
Plastic	54MP9
Metal	54MM9

Bases with aluminium extension poles

	h 50 mm	h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm
Grey Ø 80	-	80M01	80M02	80M03	80M04	80M05
Grey Ø 70	54M0X	54M01	54M02	54M03	54M04	54M05
Light grey Ø 70	54M7X	54M71	54M72	54M73	54M74	54M75
Black Ø 80	-	80M10	80M20	80M30	80M40	80M50
Black Ø 80	-	54M10	54M20	54M30	54M40	54M50

Aluminum poles

h 100 mm	h 200 mm	h 300 mm	h 400 mm	h 500 mm	h 1000 mm
88M10	88M20	88M30	88M40	88M50	88M80

Nylon-glass bracket for 90° fixing

55P62

Adapter for 22 mm hole

88A22

Adapter

88A25

Pole for external mounting

88N25

Pole for 22 mm hole mounting

88F10	100 mm pole
88F30	300 mm pole

Black metal base h. 20 | Ø 70

54M65