

Sign board IP 65 • Series 5500

- Thermoplastic self-extinguishing frame
- Protection grade IP 65
- Power supply 12/24 Vcc and 230 Vca
- Steady or flashing light
- High sound power buzzer
- Self-powered versions are available (with batteries)

Optical/acoustic sign board for outdoor use available in various versions, suited to any risk condition such as fire, flooding, gas leaks, etc., whenever visual and acoustic information are needed. The IP 65 protection grade allows usage in indoor and outdoor environments, even humid and dusty. Self-powered models are equipped with a buffer Ni-Cd battery to power the equipment in alarm conditions (independently, therefore, from any other type of external power supply).

General specifications

Housing material	White coloured thermo-plastic self-extinguishing (hot wire 850°C)
Materiale diffusore	Self-extinguishing transparent polycarbonate
Connection type	Terminals
Operating Temperature	-10°C÷+50°C (+5°C÷+50°C when self-powered)
Protection degree	IP 65
Buzzer characteristics	Buzzer sound pressure: at 1 m 100 dB @ 12V - 108 dB @ 24V Frequency 3200 Hz Pulsating sound: 0,25 s ON - 0,25 s OFF
Packaging	1 pc. / package



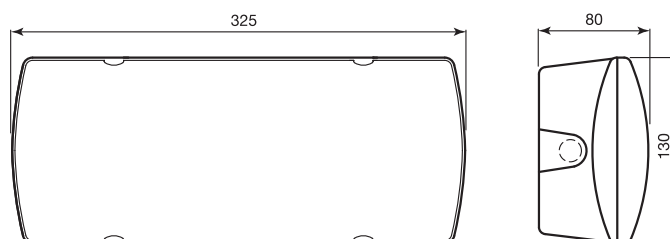
The battery recharge circuit is equipped with a control system with LED indication.

The self-powered sign board can be connected to an external 24 Vcc sounder with a maximum current draw of 40 mA.

Magnetic test function with supplied magnet.

Controlled from the central panel at 24 Vcc – 2 mA (either when supplied or in case of power loss).

All versions are provided with the standard writing “FIRE ALARM”, while different writings are available as accessories on page 20.



Order codes for self-powered sign boards

Code	Rated voltage	Charging current	Lamp	Flashing frequency	BNI-Cd HT Battery	Initial duration	Package weight	Notes
O-5551-24V	24 Vcc	100 mA	8W fluorescent	Steady light	3,6 1,5 Ah	60 min*	1,20 Kg	
O-5551-1	230 Vca	10 mA	8W fluorescent	Steady light	3,6 1,5 Ah	60 min*	1,25 Kg	Controlled by NC/NA contact

* With a 40 mA sounder connected (buzzer not connected) the duration reduces to 30 minutes.

Order codes for non self-powered sign boards

Code	Rated voltage	Rated current	Lamp	Flashing frequency	Package weight	Notes
O-5553-CSA	12 Vcc 24 Vcc 12 Vca 24 Vca	105 mA @ 12 Vcc 65 mA @ 24 Vcc 115 mA @ 12 Vca 70 mA @ 24 Vca	Xeno flashtube 0,5 J	60÷90/min adjustable	1,00 Kg	max current buzzer output 40 mA
O-5554-CSA	12 Vcc 24 Vcc	1000 mA* @ 12 Vcc 500 mA* @ 24 Vcc	Incandescent 12V - 3W (x4)	Steady light or 60÷90/ min adjustable	0,95 Kg	With magnetic test** and active line control LED
O-5555-CSA	from 10,8 Vcc a 28 Vcc	66 mA @ 12 Vcc 58 mA @ 24 Vcc	High brightness LED	Steady light or 60/min	0,90 Kg	

* The indicated current is for steady light; with flashing light: 550 mA @ 12 Vcc, 300 mA @ 24 Vcc.

** Magnetic test: moving the (supplied) magnet close to the area marked with the label, the panel should activate an alarm.

Accessories

W170213 | Spare battery for self-powered sign boards