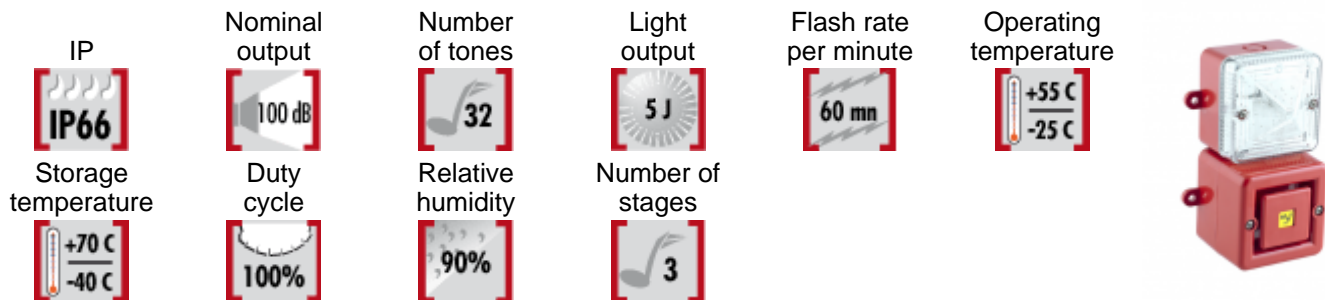


Combined alarm sounder Tonaflash® 100 dB @ 1 m with Strobe Beacon - 5 Joules TL100X

The TL100X is a combination of an effective Alarm Sounder (audible to 32 m) with a Strobe Beacon, 5 Joules. It is a compact audible and visual device recommended for signalling applications in moderately noisy environments or workstations.



• Approval(s) and certification(s)

EU
EN54-3 (siren) Feu certifié EN54-23 version 24 Vcc et 48 Vcc uniquement

• Specifications

High Sound output: 100 dB @ 1 m
Effective Range: audible up to 32 m Automatic flash synchronisation @ 1 Hz (standard: 60 flashes / min)
Fresnel effect of optical lens: Omni directional light scattering
High degree of ingress protection: IP66
Easy installation and maintenance

• Technical characteristics

Product name : Combined alarm sounder Tonaflash® 100 dB @ 1 m with Strobe Beacon - 5 Joules
Sound pressure level : 100 dB @ 1 m
Number of tones : 32 alarm tones
Number of stages : 3
Selecting tones : 32 alarm tones selectable via DIP switch
Ingress protection : IP66
Duty cycle : 100%
Relative humidity : 90 % at 20 ° C
Weight : 0.46 kg (Vdc versions), 0.57 kg (VAC versions)
Dimensions : 86 x 84 x 172 mm
Rated voltages : 24 VDC, 24 VAC, 48 VDC, 115 VAC, 230 VAC
Operating range : 20/28 V (24 V DC), 42/52 V (48 V DC), + / - 10% (VAC Versions)
Nominal current consumption : 275 mA (24 VDC), 225 mA (48 VDC), 340 mA (24 Vac), 90 mA (115 V AC), 50 mA (230 V AC)
Cable entry : 4 x M20 clearance gland knockouts in side and back.
Cable cross-section : 0.5 to 1.5 mm² cables
Material : ABS
Operating temperature : -25 ° C to +55 ° C
Storage temperature : -40 ° C to +70 ° C
Rated frequency : Automatic synchronization of the flash at 1 Hz (standard: 60 flashes / min) Jumpers for additional spectrum for continuous versions only: 1.5 Hz (90 flashes / min) and double flash frequency
Light output in candelas : 200 cd
Flash energy : 5 Joules
Service life of the flash tube : Light emission at 70% even after 8 million flashes
Lens colours : Clear, amber, red, blue, yellow, green
Synchronised : Yes - standard synchronized flash

- **Documentation**

[L101X - Datasheet](#)

- **Complementary products**

Combined alarm sounder / Strobe Beacon Optason®
Combined signalling for explosive zones ref. E2xCS

- **Accessories**

Consult us for:
UL certified versions
LED version (steady or flashing)
Housing without bracket

- **Examples of applications**

Visual and audible signalling for industrial use: Machinery, equipment, assembly lines, etc...
Suitable for Safety signalling: cranes, dangerous machinery, fences, gates, gantries etc...

