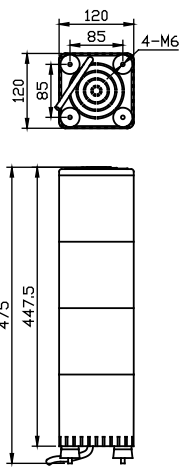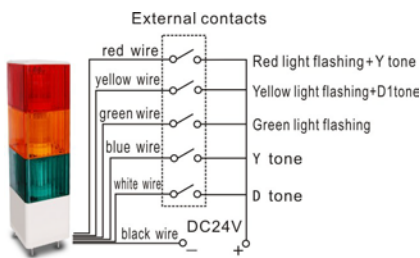**NANHUA**

CE

Mounting dimension（Unit:mm）

Wiring diagram

Application

Applications

Specially design for various cranes used in harbors, metallurgies and coalmines.

Main Features

- Three light colors, emergency sounds and led displays to indicate operation status for selection.
- Strong anti-electromagnetic interference ability
- Giving emergency sound and alert light at the same time, providing continuous operation.

Specifications:

Operating voltage	DC24V	Power	< 8W
Tone	Y、D	Sound level	110dB
Color	Red,yellow,green	warning type	Sound and flashing
Operating temperature:	-30℃ ~ +70℃	IP Protection	IP65
Relative humidity	10% ~ 95% (no condensing)	Material	Base：ABS Housing：PC
Weight	1.4kg		

Installation and Operation

- Five working state indication: ① Red light flashing+Y tone, ② Yellow light flashing+D1tone;③Green light flashing;④Ytone⑤Dtone
- Order: 1、①>②>③ ; 2、while without①、②state , ④>⑤。
- Connected with 6 core cable, black wire for DC24V negative pole and common terminal. For rest 5 wire control signal output.
- When connect power, wire input positive poe, the responding AL223 light in working state.
- This product has a fixed bracket,while installing, remove the two nuts on each foot, a spring mat, a pad, put the four corners of the red cushions into the installed equipment .Finally, install the nut, spring cushion, flat pad. Mounting surface should have sufficient mechanical strength to ensure the installation of solid and reliable.
- Note: Please connect the power and signal line according to the table below, and check that power supply voltage match with the product line, and then connect to power source. If you have any questions, please contact us.

Input wire	Input signal	Working state	Alarm	Tone
Red	DC24V+	Red light flashing +Y tone	Red light flashing , Frequency：1round/s	Y tone
Yellow	DC24V+	Yellow light flashing+D1tone	Yellow light flashing , Frequency：1round/s	D1tone DU...
Green	DC24V+	Green light flashing	Green light flashing : Frequency：1round/s	---
blue	DC24V+	Y tone	---	Y tone
white	DC24V+	D tone	---	D tone DU...
black	DC24V-	common terminal		

Note：D1 and Dtone same sound" DU……" , but D1 frequency 2s/time , D frequency 1s/time.

- The part of material of products is PC(like lamp cover and lamp shell), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isopropyl alcohol, carbon tetrachloride, cyclohexanone and so on, otherwise, the product will be corroision.