【Single-loop flash and sound alarm controller】

➢ **Product outline**

Single-loop flash and sound alarm controller adopts advanced microprocessor for smart control, and can match use with our any control instrument or other contact check control instrument.

It can be conveniently fabricated into multi-loop alarm system.On the field normally open/normally closed input mode are optinal for users. PC technology; photoelectric isolation; built-in buzzer,these make circuity anti-jamming ability is strong extremely. Semiconductor planar flight emitting device make it high brightness, softened color, low power consumption, parallel driven, long lifespan and convenient replacement of screens. The insert-mount construction with multiple output modes such as relay contact output and voltage output make daily maintenance and operation much more convenient.

➢ **Main technical parameters**

>> Input signal

switched input passive contact switched input (normally open/normally closed)

level input control signal for acoustics usage, high level signal ≥4 V

>> Output signal

switched output ·Output a pair of passive normally open contact switch (which will be closed when alarms), contact action synchronizes with sound alarm

·DC level output signal > 4 V

·Passive switched output (normally open: which will be closed when alarms)

·Contact capacity: 3A/24VDC, 0.7 A/110 VAC （resistive load）

>> Characteristics

measured channel ·single channel

silencing test ·external connecting silencing test button function

display mode · incline luminotron operation state indication

· planar luminotron operation state indication.

>> Operation environment

ambient temperature 0～50℃

relative humidity ≤ 85% RH, without dew and corrosive gas

power supply DC24 V ±5%, input resistance≤500Ω

power consumption 1.8 W when alarm,when without alarm 0.1W

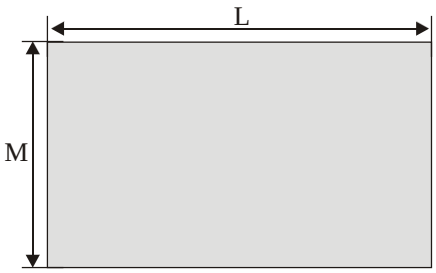
> Type spectrum table for single-loop sound and light alarm controller

Model									Explanation
WP-	□	□	□□	-□	-□	-□	-□	-□	
Outline feature	B								Large screen flash indication, sound and light alarm
Outline dimension		8							80×40×120 mm
Control action			01						Relay alarm output
Luminous tube color				R					Red
				G					Green
				Y					Yellow
Outline of luminous tube					1				Plane
					2				Incline
Input type						A			Connect closed circuit alarm
						B			Connect open circuit alarm
						C			Standard TTL level (while ordering please users mark input scope)
						D			Special specification input
Memory alarm									Without memory alarm function (may be omitted)
							K		With memory alarm function
Supply mode								W	DC 24 V supply

★ Option as an example: WP-B801-R-1-A-W; WP-B801-R-2-B-W

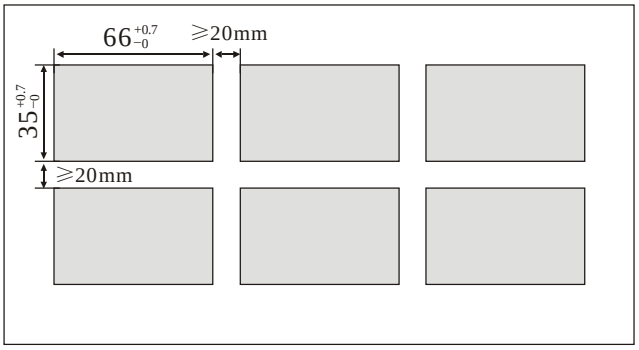
- **outline of instrument**

- **Open hole dimension for dense mounting (mm)**

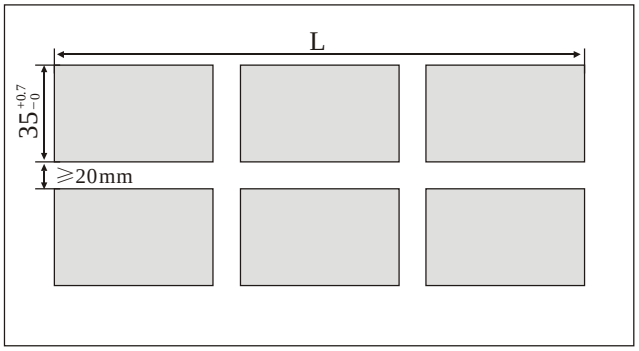


M=(40×m)－5
L=(80×n)－14
M:the number of alarm for every row
n:the number of alarm for every line

- **Open hole dimension for dot matrix mounting (mm)**

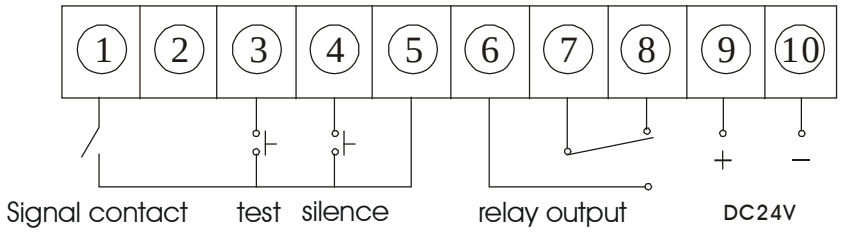


- **Open hole dimension for strip mounting (mm)**



L=(80×n)－14
n:the number of alarm for every line

➢ **Wiring diagram**



➢ Alarm function

Alarm	**Normal**	**Alarm**	**Affirm**	**Return to normal**	**Restore before affirm**	**Affirm**
lamplight	⊙	☀	◎	⊙	☀	◎
Acoustics	⏮	🔊	⏮	⏮	🔊	⏮

★ Note:

⊙	**Light off**	☀	**Flashing**	◎	**Flat light**	⏮	**No sound**	🔊	**Sound**