

LA6-POE

Network

Signal Tower

Signal Light

Revolving
Warning Light

Cube Tower

Audibles

Hybrid
Signaling
DevicesLED
Illumination

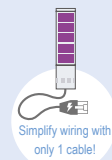
Options

LA6-5DTNWB-POE
(direct mount type)LA6-5DSNWB-POE
(stationary type)

* Direct Mount only

■ What is PoE (Power over Ethernet)?

System that passes electric power along with data on twisted pair Ethernet cabling. This allows a single cable to provide both power and data to devices.



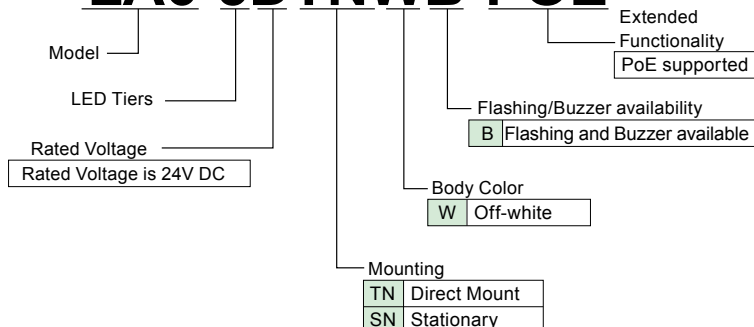
Simplify wiring with only 1 cable!

Specifications

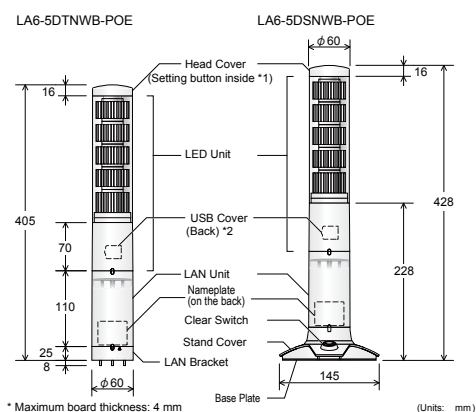
Model	LA6-5DTNWB-POE (direct mount type)	LA6-5DSNWB-POE (stationary type)
Rated Voltage	24V DC	
Power over Ethernet (PoE)	48V DC	
Operating Voltage Range	24V DC $\pm 10\%$	
Power over Ethernet (PoE)	36 to 57V DC	
Rated Current Consumption	Standard	0.30A (at 24V DC) 0.18A (PoE: at 48V DC)
	Maximum	0.49A (at 26.4V DC) 0.26A (PoE: at 48V DC)
Rated Power Consumption	Standard	7.2W (at 24V DC) 8.6W (PoE: at 48V DC)
	Maximum	12.9W (at 26.4V DC) 12.5W (PoE: at 48V DC)
Signal Wire Current	420mA / 70mA (at 26.4V DC) 10mA (PoE: at 48V DC)	
Ambient Operating Temperature	-10 °C to +50 °C	
Ambient Operating Humidity	90% RH or less, freezing, no condensation	
Storage Ambient Temperature	-10 °C to +50 °C	
Storage Ambient Humidity	90% RH or less, freezing, no condensation	
Mounting location	Indoors	
Mounting direction	Upright	
Protection Rating	IP54 (IEC 60529)	IP20 (IEC 60529)
Environmental Conditions	Mounted in upright position	
Vibration Resistance	10 m/s ² (JIS C 60068-2-6)	None
Environmental Conditions	Mounted in upright position	-
Mass (Tolerance: $\pm 10\%$)	630g	780g
Signal Light functions	According to LA6, 5 tier, flashing, buzzer type	
Interfaces	Power Supply / Contact Input	Screwless Terminal Block (12 contacts) Wire: 0.2 to 1.5 mm ² (solid wire), AWG24 to 16 (stranded wire)
		Power Supply: 2 contacts (24V DC) Contact Input (external relay/NPN/PNP): 8 contacts Flashing/Pulse enable common line: 1 contact, COM: 1 contact
	LAN	RJ-45 connector
	PoE	IEEE802.3af Class 0
	Communication method	Ethernet (IEEE802.3)
	Physical Layer	10BASE-T/100BASE-TX (Auto-MDIX/MDIX)
	Data Link Layer	CSMA/CD
	Network Layer	IP • ARP • ICMP
	Transport Layer	TCP/UDP
	Application Layer	HTTP • DHCP • Modbus/TCP • Socket (PHN • PNS command)
Operation Unit	Setting button (in the head cover)	Setting button (in the head cover) Clear Switch
		1 (Green): Integrated in the Clear Switch *Always on when power is on
Indicator Light	None	
Various Settings	Change via Web Setup Tool	
Operation Method	Signal Wire Control/Command Control	
Supported LAN Cable	Category 5e or higher (compatible with both straight-cable and cross-cables)	
Conformity standards	RoHS Directive (EN 50581)	
	EMC Directive (EN61000-6-4, EN61000-6-2, EN55032 Class A, EN55024)	
	FCC Part15 Subpart B Class A	
	KC (KN 61000-6-4, KN 61000-6-2)	
	UL 508, CSA-22.2 No.14, Recognized Component (File No.E215660)	
	※Only for DC24V type	
References	UL 60950-1, CAN/CSA C22.2 No. UL60950-1-07 Recognized Component (File No.E480103)	
	Conforms to CE Marking	

Model Code

LA6-5DTNWB-POE

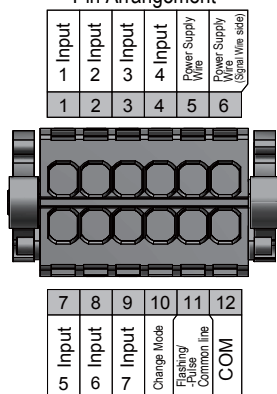


Dimensions (mm)

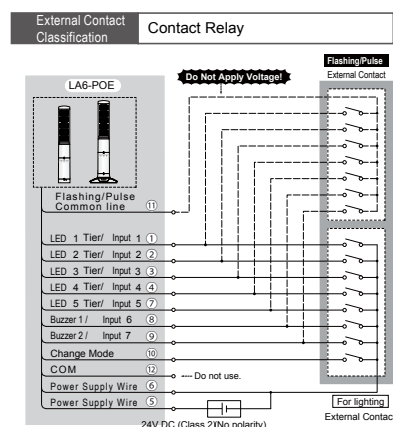


Wiring Diagram

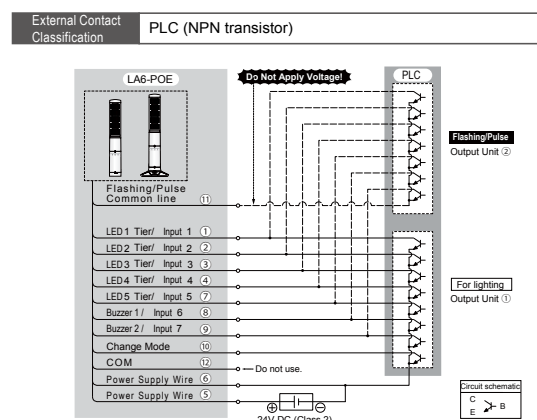
Terminal Block Connector Pin Arrangement



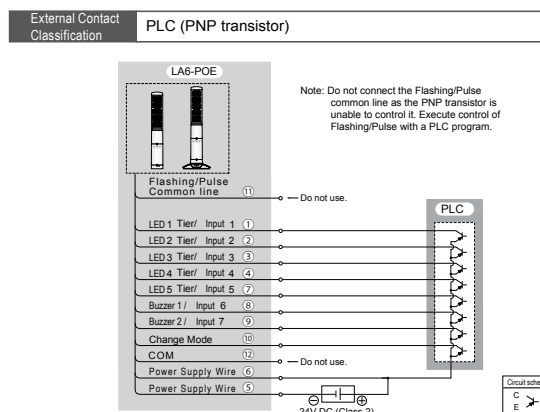
24V DC model



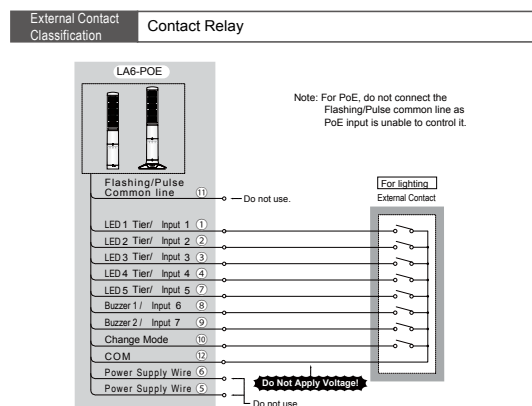
24V DC model



24V DC model



PoE Input Specifications



Optional Parts



Stationary installation bracket (magnetic installation)
Model: SZW-060W
Supported type:
LA6-5DTNWB-POE
LA6-5AWJWB-RYGB



Wallmount Bracket (embedded wiring type)
Model: SZK-003W
Direct Mounting



Wallmount Bracket NH-WST2
Stationary Type



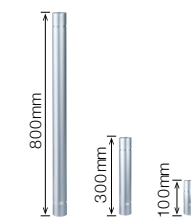
Pole Bracket SZP-004W



Circular Bracket mounting Pole SZ-016A



SZ-010



POLE-100 / 300 / 800A21

• Communication Commands

Control with HTTP Commands You can send commands via HTTP communication to control all notification patterns.

■ Detailed Motion Control (You can control tier 1 to 5 of LED unit specifying colors.)

Execute command
(Tier 1: Green, Tier 2: Blue, Tier 3: Off, Tier 4: White, Tier 5: Red, Flashing off, Buzzer: Pattern 11)
`http://192.168.10.1/api/control?color=46091&buzzer=11`

■ Smart Control Command (you can control the smart mode set up in the editing software.)

Execute command (Run smart mode group No.10)
`http://192.168.10.1/api/control?smart=10`

Network Camera

NVR

SOCKET Communication

PNS Commands supported By using PNS commands, you can control all notification patterns.

■ Detailed Motion Control (You can control tier 1 to 5 of LED unit specifying colors.)

Execute command
(Tier 1: Green, Tier 2: Blue, Tier 3: Off, Tier 4: White, Tier 5: Red, Flashing off, Buzzer: Pattern 11)
41H, 42H, 44H, 00H, 00H, 07H, 04H, 06H, 00H, 09H, 01H, 00H, 0BH

■ Smart Mode Control Command (you can control the smart mode set up in the editing software.)

Execute command (Run smart mode group No.10)
41H, 42H, 54H, 00H, 00H, 01H, 0AH

PHN compatible commands supported Control with 2-byte commands is available.

Execute command
(Tier 1: Lighting, Tier 2: Flashing, Tier 3: Off, and Buzzer: Pattern 2)
57H, 51H

* You can control lighting, flashing, and 2 types of buzzer sound patterns on tiers 1 to 3.

Modbus/TCP

You can control the signal light by sending Modbus/TCP commands, such as from a PLC.

■ Smart control command (you can control the smart mode set up in the editing software.)

Execute command
(When operating the Signal Tower in Smart Mode group number 15.)
00H, 00H, 00H, 00H, 00H, 06H, 01H, 06H, 00H, 06H, 01H, 0FH

PLC