

PATLITE® Signal Devices

56mm Industrial Signal Beacon Monocolor NE-A Series

Overview

NE-A series monocolor beacons are offered in five different LED colors (Red, Amber, Green, Blue, and White). The reflector is designed to distribute light for clear, unambiguous indication.

Features

- Choose from 5 LED color options (Red, Amber, Green, Blue, and White)
- Newly developed reflector emits evenly distributed light, for clear, unambiguous indication
- High protection rating for operation in harsh environments
- Gasket included



NE-24A-G

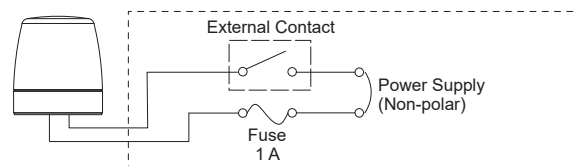


| 56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart | | | | | | | |
|---|----------|-----------|--------------------------|----------------|----------------|---------------------|--------------------------|
| Part Number | Price | LED Color | Type | Light Function | Voltage | Drawing Link | Connection |
| NE-24A-R | \$;5,no: | Red | Industrial signal beacon | Continuous | 24VDC ± 10% | PDF | Screwless terminal block |
| NE-24A-Y | \$;5,np: | Amber | | | | PDF | |
| NE-24A-G | \$;5,nq: | Green | | | | PDF | |
| NE-24A-B | \$;5,ns: | Blue | | | | PDF | |
| NE-24A-C | \$;5,nt: | White | | | | PDF | |

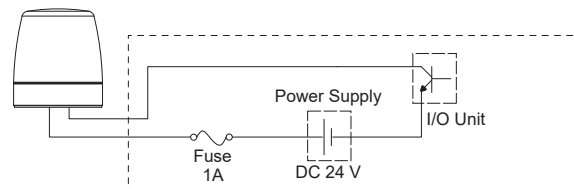
Wiring Diagrams

Wiring examples vary depending on the driving method.

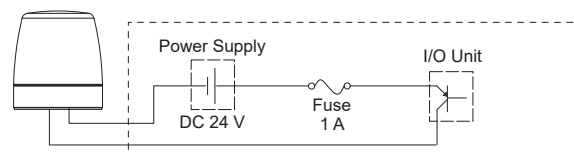
(A) External Contact Drive



(B) I/O Unit Drive (NPN Transistor)



(C) I/O Unit Drive (PNP Transistor)



[Fuse]

| | |
|-------------|-----------|
| Fuse Rating | 250 V 1 A |
|-------------|-----------|

[External Contact Capacity]

| | |
|------------------|--------------------------|
| Current Capacity | $I_s \geq 50 \text{ mA}$ |
| Voltage Capacity | $V_s \geq 35 \text{ V}$ |

[Transistor (NPN or PNP)]

| | |
|-------------------|---------------------------|
| Current Capacity | $I_c \geq 50 \text{ mA}$ |
| Withstand Voltage | $V_c \geq 35 \text{ V}$ |
| Leakage Current | $I_L \leq 0.1 \text{ mA}$ |

*No significant inrush current present

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Specifications

| 56mm Industrial Signal Beacon Monocolor NE-A Series Technical Specifications | | |
|--|------------------|---|
| Rated Voltage | | 24VDC |
| Operating Voltage Range | | 24VDC $\pm 10\%$ |
| Rated Current Consumption | Typical | 22mA |
| | Max | 26mA |
| Rated Power Consumption | Typical | 0.6 W |
| | Max | 0.7 W |
| Temperature Range | Operating | -30 to 50°C [-22 to 122°F] |
| | Storage | -40 to 75°C [-40 to 167°F] |
| Humidity Range | Operating | Less than 90% (no condensation) |
| | Storage | |
| Mounting | | Indoor, any direction |
| Insulation Resistance | | More than 5M Ω at 500VDC between live part and non-current carrying metallic part |
| Withstand Voltage | | 500VAC applied for 1 min between live part and non-current carrying metallic part without breaking insulation |
| Wire Size | | Solid wire 0.2 mm ² – 1.5mm ² , Stranded wire 24–16 AWG |
| Protection Rating | | IP65, NEMA 4X,13 |
| Weight g [oz] | | 60 [2.11] $\pm 10\%$ |
| Housing Material | | Polycarbonate |
| Agency Approval | | UL 508, UR File: E215660, CSA-C22.2 No. 15 |

To obtain the most current agency approval information, see the Agency Compliance & Certifications Checklist section on the specific part number's web page.

PATLITE® Signal Devices

56mm Visual-Audible and Industrial Signal Beacon Accessories NE-A and NE-IL Series

| 56mm Beacon Accessories NE-A and NE-IL Series | | | | |
|---|----------|---|------------------|----------------------------|
| Part Number | Price | Description | Weight g [oz] | Drawing Link |
| <u>NE-002D</u> | \$,5,n8: | Patlite mounting bracket, wall mount, 56mm diameter, 82mm height, dark gray, polycarbonate. For use with Patlite NE-A and NE-IL series beacons. | 34 [1.19] | <u>PDF</u> |
| <u>NE-001D</u> | \$,5,nu: | Patlite tube adapter, tube mount, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons. | 31 [1.09] | <u>PDF</u> |
| <u>SZP-092D</u> | \$,5,nv: | Patlite tube adapter, tube mount, 1/2in NPT thread type, 56mm diameter, black, polycarbonate. For use with Patlite NE-A and NE-IL series beacons. | 23 [0.81] | <u>PDF</u> |
| <u>GA0000119-F1</u> | \$,5,n9: | Patlite O-ring, silicone. For use with Patlite NE-A and NE-IL series beacons. | 45.35 [1.5] | N/A |
| <u>POLE-100A21</u> | \$,5,na: | Patlite mounting pole, 22mm diameter, 100mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons. | 29 [1.02] | <u>PDF</u> |
| <u>POLE-300A21</u> | \$,5,nb: | Patlite mounting pole, 22mm diameter, 300mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons. | 86 [3.03] | <u>PDF</u> |
| <u>POLE-800A21</u> | \$,5,nc: | Patlite mounting pole, 22mm diameter, 800mm length, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons. | 228 [8.04] | <u>PDF</u> |
| <u>SZ-010</u> | \$,5,nd: | Patlite mounting bracket, flange mount, 100mm diameter, 65mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons. | 122 [4.30] | <u>PDF</u> |
| <u>SZ-016A</u> | \$,5,n7: | Patlite mounting bracket, flange mount, 68mm diameter, 45mm height, silver, aluminum. For use with Patlite NE-A and NE-IL series beacons. | 96 [3.38] | <u>PDF</u> |

[NE-002D](#)[NE-001D](#)[SZP-092D](#)[GA0000119-F1](#)[POLE-100A21](#)[SZ-010](#)[SZ-016A](#)