

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



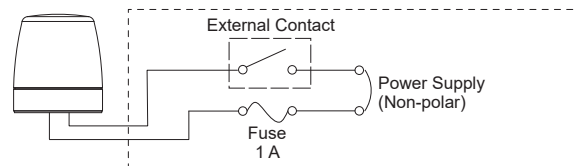
56mm Industrial Signal Beacon Monocolor NE-A Series Selection Chart

Part Number	Price	LED Color	Type	Light Function	Voltage	Drawing Link	Connection
NE-24A-R	\$33.00	Red	Industrial signal beacon	Continuous	24VDC ± 10%	PDF	Screwless terminal block
NE-24A-Y	\$33.00	Amber				PDF	
NE-24A-G	\$33.00	Green				PDF	
NE-24A-B	\$33.00	Blue				PDF	
NE-24A-C	\$33.00	White				PDF	

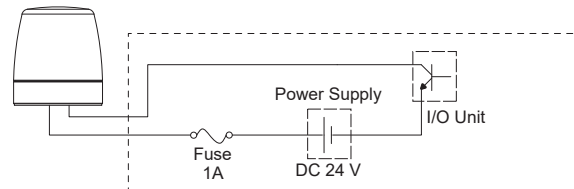
Wiring Diagrams

Wiring examples vary depending on the driving method.

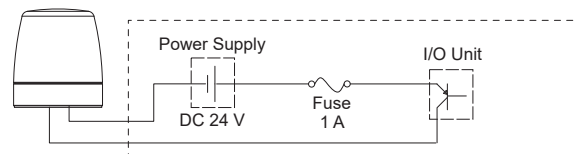
(A) External Contact Drive



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



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



[Fuse]

Fuse Rating	250 V 1 A
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[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.

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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>	\$12.00	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>	\$18.50	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>	\$6.50	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>	\$10.00	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>	\$25.50	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>	\$28.50	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>	\$35.50	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>	\$25.50	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>	\$28.50	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](#)