

Brilliance by design

Panel Mount LED Indicator Models 150 & 240

MODEL 150

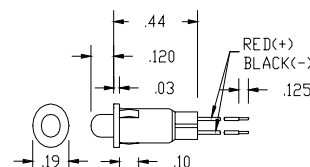
The 150 Model incorporates a non-relampable diffused LED in a choice of colors. For panel mounting through a 5/32" (0.156") dia. hole; snap fits, needs no mounting hardware. No lens for maximum viewing angle. Supplied with 6" wire leads. Can be supplied with or without built in current limiting resistor.

FEATURES

- Snap mounts in 5/32" (0.156") diameter hole, with mounting clip
- Supplied with 6" wire leads
- 26 AWG Stranded Cu
- Uses T-1 LED
- For operation from 5V., 12V., 24V. or 28V. sources, with built-in resistor
- No lens for maximum viewing angle
- Fits 1/8" panel thickness



Suggested mounting diameter 5/32"



HOW TO ORDER

For model no. 150-2X colors available are Red, Green, Yellow and Amber.

Where the 'X' appears insert:

1-Red	5-Ultra Green
2-Green	6-Ultra Blue
3-Yellow	7-Pure White
4-Amber	

<u>Voltage</u>	<u>Model No.</u>
2vdc*	150-2X
5vdc	150-5X
12vdc	150-12X
24vdc	150-24X
28vdc	150-28X

*external resistor required

MODEL 240

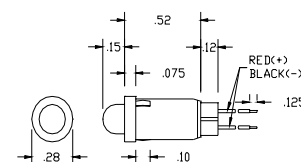
The 240 Model incorporates a non-relampable diffused LED in a choice of colors. For panel mounting through a 1/4" (0.250") dia. hole; snap fits, needs no mounting hardware. No lens for maximum viewing angle. Supplied with 6" wire leads. Can be supplied without built in current limiting resistor.

FEATURES

- Snap mounts in 1/4" (0.250") diameter hole; needs no mounting hardware
- Supplied with 6" wire leads
- 26 AWG Stranded Cu
- No lens for maximum viewing angle
- Uses T-1 3/4 LED
- Fits 1/8" panel thickness



Suggested mounting diameter 1/4"



NOTE:

* For Voltage/Current Specs, see page A-1.

LEDs continuous forward current = 20 mA

Omit voltage/current specification to order without built-in resistor.

HOW TO ORDER

*external resistor required

<u>Voltage</u>	<u>Model No.</u>	Where the 'X' appears insert:
2vcd*	240-2X	1-Red 6-Ultra Blue
5vcd	240-5X	2-Green 7-Pure White
12vcd	240-12X	
24vcd	240-24X	
28vcd	240-28X	

150 240

Brilliance by design

LED Voltage & Current Options

VOLTS	CURRENT IN MILLIAMPS
5 VDC	10, 15, 20, 25 (MA)
12 VDC	10, 20 (MA)
24 VDC	10, 20 (MA)
28 VDC	10, 20 (MA)

Neon Lamp Electrical Specifications

(Used in 502, 857, 858, 859 and 862 Models)

LAMP with RESISTOR	VOLTS A.C. or D.C.	AMPS NOMINAL	WATTS NOMINAL	LIFE	RESISTOR
A1B	105-125	.03	1/25	25,000	220K
A1C	105-125	1.2	1/7	25,000	47K
A9A (NE-2E)	105-125	0.7	1/12	25,000	100K
C2A (NE-2H)	105-125	1.9	1/4	25,000	30K

NOTE: A1C and NE-2H are high brightness. Other lamps available. Life figures for A.C. - Life at D.C. 1/2 A.C. (Approx.). 862 Series cannot be supplied with resistor.

IMPORTANT: The lamps shown represent the most popular types normally requested. MANY OTHER LAMPS ARE AVAILABLE - PLEASE CONTACT FACTORY.

Hot Stamping Information

The chart below designates type sizes available for hot stamping. Size of lens determines size of type that can be used.

TYPE	ACTUAL SIZE	
	WIDTH	HEIGHT
2 pt	.050	.060
6 pt	.060	.080
8 pt	.080	.110
10 pt	.090	.120
12 pt	.110	.160

NOTE: For other size type, contact factory.