



SOLITRONICS ENGINEERING LTD.

TEL: (852) 2730-8145

FAX: (852) 2730-3245

E-mail: info@solitronics.com

PLASTIC LENS-END NEON SIGNAL LAMPS

Date: 22nd July 2005

T-10x28mm E10 with or without Internal Resistor
For 110/130V, 220/230V & 380/400V AC 50/60Hz

Data Sheet:

SEL-NPC-1028-X1

1. PHYSICAL SIZE

Diameter: 10.0mm + 0 / -1.0mm
Length: 28.0mm + 0 / -1.5mm

2. BASE

Miniature Screw
IEC E10/13

3. LAMP TYPE

Neon	For clear, amber, yellow and red lens
Green-Fluorescent	For clear and green translucent lens
Blue-Fluorescent	For clear and blue translucent lens

4. ELECTRICAL RATING

SEL P/N	Equivalent USA & Schneider P/N	Lamp Type	Voltage	Current ± 0.5mA	Design Life Expectancy
1028-11-N		Neon with resistor	110/130V	2.0mA	10,000 hrs.
1028-11-G		Green with resistor	110/130V	2.0mA	10,000 hrs.
1028-11-B		Blue with resistor	110/130V	2.0mA	5,000 hrs.
1028-21-N		Neon with resistor	220/230V	2.0mA	10,000 hrs.
1028-21-G		Green with resistor	220/230V	2.0mA	10,000 hrs.
1028-21-B		Blue with resistor	220/230V	2.0mA	5,000 hrs.
1028-31-N		Neon with resistor	380/400V	1.5mA	10,000 hrs.
1028-31-G		Green with resistor	380/400V	1.5mA	10,000 hrs.
1028-31-B		Blue with resistor	380/400V	1.5mA	5,000 hrs.
B1A	NE-51	Neon only	Vs=65V Max.	0.55mA#	25,000 hrs
B1A-R	NE-51-R	Neon with Resistor	110/125V	(220K)0.3mA	25,000 hrs
B2A	NE-51-H	Neon only	Vs=95V Max.	1.60mA##	25,000 hrs
B2A-R	NE51H-R	Neon with Resistor	110/125V	(47K) 1.3mA	25,000 hrs
B2G	NE51-G	Green fluorescent only	Vs=85V Max.	1.6mA##	15,000 hrs
B2G-R	NE51GR	Green with Resistor	110/125V	(47K) 1.3mA	15,000 hrs

Use external 100K resistor on 110V and 330K resistor on 230V

Use external 33K resistor on 110V and 100K resistor on 230V

5. APPLICATIONS

Miniature Screw Based Neon signal lamps for indicators and lighted push-button switches.

6. REMARKS: -

Also widely used as replacement lamps for indicators and lighted push-button switches.

