

Locking-Type Photoelectric Controls & Accessories

N1038 Series/Series 7840



FPS1038 Available with Fuse

Series FPN7840

Shorting Caps

Locking-type caps that have the physical appearance of photoelectric controls and meet ANSI C136.10 mounting specifications for roadway lighting equipment but provide a normally closed contact (fixture always ON). All caps are rated for a maximum of 15 Amps FLA.

Application

Shorting caps are used on industrial, commercial, street and highway luminaires equipped with locking-type receptacles. Shorting caps save wiring time by providing a constant ON. Several luminaires wired to the same line breaker may be controlled from a central point using a contactor or relay, as well as weatherproof protection for the socket.

Normally-Open caps (fixture always OFF) for temporary disabling of a lighting fixture are also available.

Specifications

Temperature Range:

- 40° to + 70°C
- 40° to + 158°F

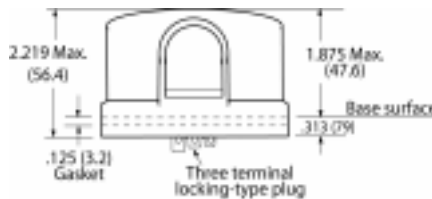
Housing:

UV-resistant high-impact polypropylene

Dimensions:

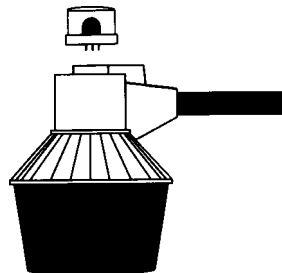
3.078" Dia.; 2.219" H

N1038 Series Mechanical Diagram



Ordering Information

Model	Line Voltage	Contacts	Description
FPN1038-1	Up to 480V	N.C.	Shorting cap
FPN1038-3	Up to 480V	N.O.	Open cap
FPS1038-FC	240V Max.	N.C.	Replaceable Fused Shorting Cap



Series 7840 GE Astrodome® Replacement Controls

Direct replacement for use in Astrodome-type lighting fixtures.

Specifications

Photocell:

Conformally coated cadmium sulfide photocell

Switch Type:

SPST-NC (single-pole, single-throw, normally closed) electromagnetic relay.

Housing:

UV-resistant, high-impact, polypropylene with clear UV-stabilized window.

Base:

High Temp ABS (3' dia.)

Turn-On:

1 footcandle (fc).

Turn-On:Turn-Off ratio:

1:5

Rated Life:

5,000 operations minimum at rated load.

Temperature Range:

- 40° to + 70°C
- 40° to + 158°F

Dimensions:

3.15" Dia.; 2.0" H.

Ordering Information

Model	Line Voltage	Load Rating HID Ballast
FPN7841	105-130	1800VA
FPN7842	203-300	1800VA

© Registered trademark of General Electric Company