



AM SERIES RECEPTACLES

LOCKING TYPE, WEATHERPROOF, LONG LASTING

KEY FEATURES

- Phosphor bronze contacts
- Thermal-set phenolic base
- UL recognized component
- Extremely reliable and versatile
- Meets ANSI C136.10

TE Connectivity (TE) offers a long life and weatherproof locking style receptacle. The AM Series is designed specifically for street, roadway and outdoor lighting applications.

This 3-pole, 3-wire locking type receptacle conforms to the ANSI, NEMA, and UL standards for lighting receptacles. The AM-1-A and AM-2-A includes mounting brackets.

Common uses for the AM Series Receptacles include roadway, park, and parking lighting.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



AM-1-A Series

Figure A: Side profile

Figure B: Top View

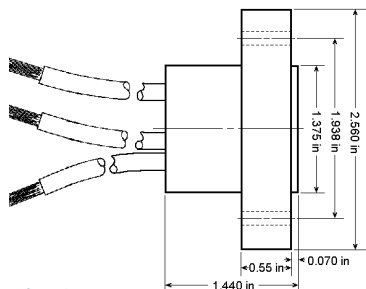


Fig. A

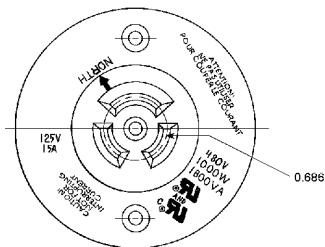


Fig. B

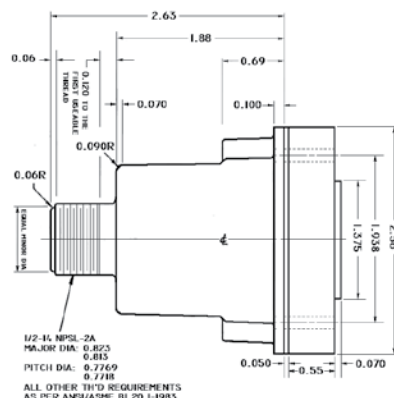


Fig. C

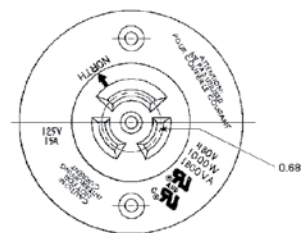


Fig. D

SPECIFICATION - DIMENSIONS IN INCHES (MM)

| | |
|------------|--|
| Physical | Dimensions: approx. 2.56" [65.02mm] x 1.44" [36.58mm] high (not including wires) |
| | Designed to meet ANSI C136.10 |
| Nipple | 1/2" - 14NPSL as per ANSI/ASME B1.20.1 (AM-2A and AM-2-A-NB) |
| Housing | Aluminum Casting (AM-2-A and AM-2-A-NB) |
| Bracket | Aluminum |
| Lead Wires | #14 AWG, rated 105°C |

AM-2-A Series

Includes AM-1-A Series Figure above along with the Aluminum lower housing

Figure C: Side profile

Figure D: Top View

PRODUCT SELECTION INFORMATION - DIMENSIONS IN INCHES

| Description | Range (Volts) | Load Rating Ballast (VA) | Load Rating Ballast (Amps) | Flange Diameter | Receptacle Barrel Diameter | Overall Height | Lead Wire Length | Bracket (inches) | | |
|-------------|---------------|--------------------------|----------------------------|-----------------|----------------------------|----------------|------------------|------------------|-------|--------|
| | | | | | | | | Width | Depth | Height |
| AM-1-A | 120 - 480 | 1800 | 15.0 | 2-9/16 | 1-3/8 | 1-1/2 | 9 | 2.0 | 3 | 5-1/2 |
| AM-1-A-NB | 120 - 480 | 1800 | 15.0 | 2-9/16 | 1-3/8 | 1-1/2 | 9 | - | - | - |
| AM-2-A | 120 - 480 | 1800 | 15.0 | 2-9/16 | - | 3-1/4 | 6 | 2.0 | 3 | 5-1/2 |
| AM-2-A-NB | 120 - 480 | 1800 | 15.0 | 2-9/16 | - | 3-1/4 | 6 | - | - | - |



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