

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Product Type: \_\_\_\_\_

Contact/Phone: \_\_\_\_\_

Model #: \_\_\_\_\_

## K171 Receptacle Series

### 7 Pin, Locking-Type ANSI C136.41 Receptacle with Dimming and Control Contacts

The K171 series provides a receptacle for Twist Lock photocontrols with dimming capabilities. The connector interface has a 3 prong power connection that is backward compatible with standard photocontrol units. In addition, it offers 4 contact pads per ANSI C136.41 for dimming and additional control or sensor input.

#### Features

- NEMA receptacle with 3 prong power sockets
- 2 Gold Plated Contacts pads for Dimming control signal
- 2 Gold Plated Contacts pads for extra control or sensor input signals
- Integrated sealing gasket
- Complaint to ANSI C136.41 specifications

#### Ratings

Construction: Size: 2.52" (64mm) Dia, 1.50" (38mm) High  
 Base: UV stabilized Polycarbonate (UL94-5 VA)  
 Power Contacts: Brass/Phosphor Bronze  
 Signal Contacts: Nickel/Gold Plated Bronze  
 Wire Leads: 14 AWG, 105° C, AWM3321  
 Integrated Gasket: Thermal Elastomer (UL94 V0)

Electrical Rating: Power Contacts: 480 V max, 15 A max  
 Signal Contacts: 30 VDC, 0.25 A max

Operating Temperature: -40° C to 70° C

Applicable Standards: • UL772  
 • CSA C22 No M1986  
 • ANSI C136.41

Warranty: Limited 1-year manufacturer's warranty



Model Number	Description	Wire Lead Length	Agency Listing
K171H	7 Pin, Locking Type ANSI C136.41 Receptacle with wire leads, plain white box	12"	UL

## Specification

The receptacle shall be an ANSI C136.41 compliant receptacle with NEMA style 3-pole, 3-wire, locking type power contacts and four (4) signal contact pads as specified in ANSI C136.41. The receptacle shall be constructed with a UV stabilized polycarbonate base with integral gasket, solid phosphor bronze power contacts with 14 AWG wire leads and nickel/gold plated bronze signal contacts with 18 AWG wire leads. The receptacle shall be agency certified and tested accordingly. The receptacle shall have a 480 V, 15 A electrical rating. Signal contacts to handle 30 VDC, 0.25 A control signals. The receptacle shall be Intermatic model K171.

## Diagrams

