

HUBBELL SAFETY-SHROUD TWIST-LOCK®

MADE IN U.S.A.

US PATENT #5273445 AND OTHER PATENTS PENDING

4 POSITION ANGLED SHROUDED TWIST-LOCK PLUGS

Safety-Shroud™ Function

Plug is designed for use with Safety-Shroud™ connectors and receptacles in Type 1 (indoor use) applications only. Connecting this plug to a connector or receptacle of a different Type designation will result in a Type 1 application for the entire connection.

Complies with California Code of Regulations, Title 8, Electrical Safety Orders, Article 51, Sub-section 2510.7 (b). Reduces the likelihood of inadvertent contact with the blades when connecting or disconnecting energized devices. Reduces exposure to arcing when connecting or disconnecting under load. Can be connected to most equivalently-rated NEMA-Locking connectors for Type 1 (indoor use) applications. The alignment mark on the shroud key will accept a 3/16 inch (5 mm) padlock shackle for OSHA Lockout/Tagout regulation 29 CFR part 1910.147 compliance.

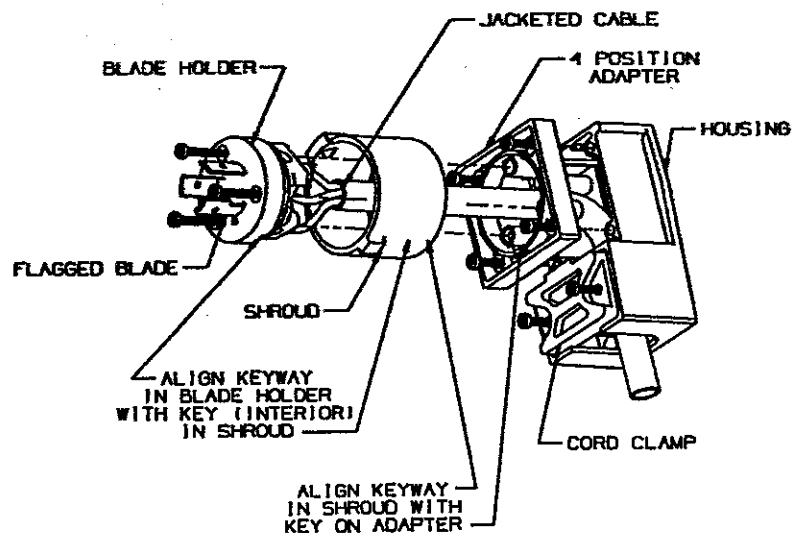


FIG. 1

GENERAL INFORMATION

- NOTICE:** For installation by a qualified electrician in accordance with national and local electrical codes and the following instructions.
- CAUTION: RISK OF ELECTRIC SHOCK. Disconnect power before installing. Never wire energized electrical components.**
- Check that the device's type and rating are suitable for the application.
- NOTICE:** Use round cord only:
Cord Clamping Range:
3-wire devices: 16/3 Type S thru 10/3 Types S, SJ,
dia. 0.385 - 0.720 in (10 - 18 mm)
4-wire devices & 14/4 Type S thru 8/5 Type S;
5-wire devices: dia. 0.560 - 1.15 in (14 - 29 mm)
- Select conductor size from National Electrical Code® Table 400-5 or Canadian Electrical Code Table 12.

Table 1

TERMINAL POLARITY IDENTIFICATION TABLE	
TERMINAL	CONDUCTOR
Green, Green Hex Head Screw	Equipment Grounding Conductor (Green or Green/Yellow or Bare)
White Screw "White", "N"	Grounded Circuit Conductor Neutral (White or Gray)
Brass/Black Screw, "X", "Y", "Z"	Ungrounded Circuit Conductor, Line (Not Green, Not White)



Wiring Device-Kellems
Hubbell Incorporated
Bridgeport, CT 06605
Tel. (203) 337-3100
Fax (203) 579-2892

WIRING INSTRUCTIONS:

1. Insert cable through cord clamp, adapter, and shroud.
2. Assemble adapter to housing in desired position. Torque assembly screws to 10 pound-inches (1.1 N•m).

3. Remove insulation from cable and conductors:

Strip jacket to a length of 2-3/8 inches (60 mm) for 3 Wire or to 2-3/4 inches (70 mm) for 4 and 5 Wire. See Fig. 2.

Place cord at entry location then select the conductor that goes into the terminal furthest from this location. Strip this conductor 5/8 inch (16 mm), insert it fully into the terminal, and tighten screw to 18 pound-inches (20 N•m). See Figs. 3 and 4.

Place the remaining conductors over the terminal wire holes. Cut the length of these conductors 7/8 inch (19 mm) past the center of the terminal wire hole. See Fig. 4. Strip conductors 5/8 inch (16 mm), insert them fully into the terminals, and tighten screws to 18 pound-inches (2.0 N•m). **DO NOT TIN CONDUCTORS.**

TAKE CAUTION THAT THERE ARE NO STRAY WIRE STRANDS.

4. Install blade holder and shroud onto adapter. Make sure blade holder rating matches rating on shroud.
 - a. Align assembly keys on blade holder, shroud, and adapter. TAKE CAUTION THAT BLADE HOLDER IS PROPERLY ORIENTED AND FULLY SEATED IN THE SHROUD. See Fig. 1.
 - b. Tighten assembly screws to 10 pound-inches (1.1 N•m) of torque.
5. Tighten cord clamp screws alternately to 12 pound-inches (1.4 N•m) of torque.

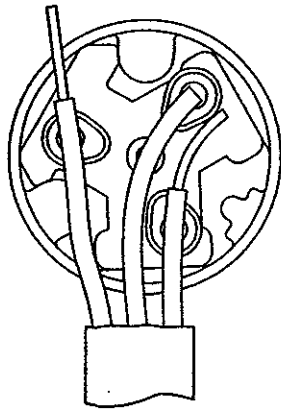


FIG. 3

CONDUCTOR LENGTH
FROM TERMINAL HOLE
CENTER

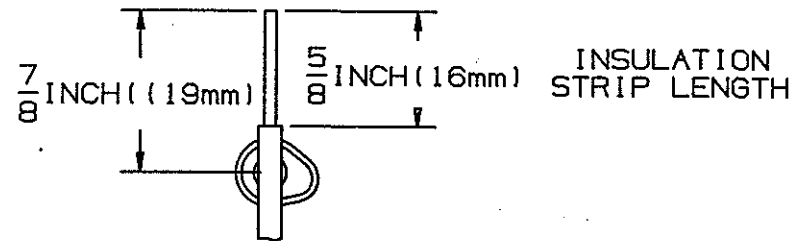


FIG. 4

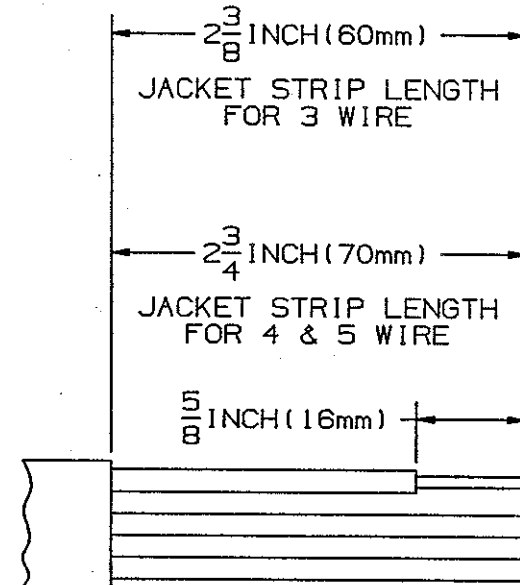


FIG. 2