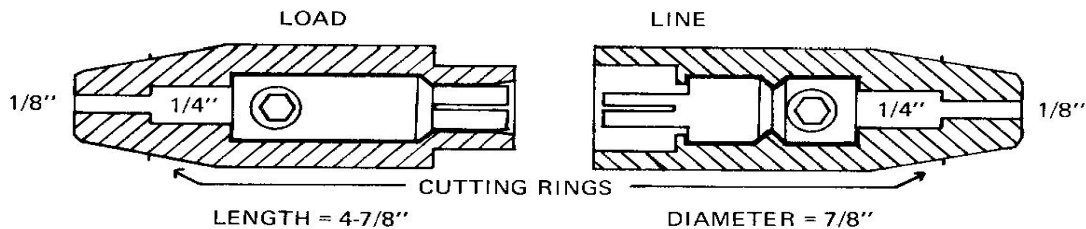


# SEC Single-Pin Connector Kit

## Model SEC 1791-SP

### For Copper or Aluminum Stranded Wire

Pin-type quick-disconnect kit with low voltage copper or aluminum conductor cables. Recommended for street, highway, and flood lighting outdoor locations in wet or dry areas. Model SEC 1791-SP kits are designed to fit most conductors from number 12 to 4 stranded wire. Conductors are attached with simple screw-lugs for easy, quick installation. Conductors can be removed and reinstalled. SEC pin kits are designed for 600 volts or less.



Listed  
Single-Pin Connector Kit  
9D70

#### Parts Lists

SEC 1791-SP	Single-Pin Kit Complete
SEC 1791-DS-3	Load Pin Body
SEC 1791-DSP-1	Load Pin Unit
SEC 1791-SF-6	Line Pin Body
SEC 1791-SP-1	Line Pin Unit

### REQUIRED TORQUE INCH / POUND

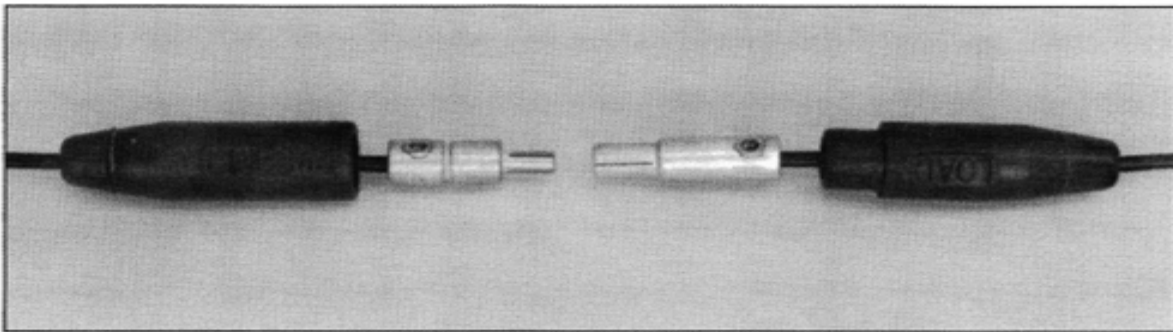
CAT NO.	WIRE SIZE	WIRE TYPE	WIRE DIA RANGE (IN)	CUTTING RANGE NO.	TORQUE (IN-LBS)
SEC	8	RHH, RHW-2, THW, TW, USE-2, XHHW	15/64	1	60
1791-DS-3	6	RHH, RHW-2, THHN, THW, THWN, USE-2, XHHW-2	19/64	1	60
1791-DPS-1	4	THHN, THW, THWN	5/16	1	60
1791-SF-6	4	RHH, RHW-2, USE-2, XHHW-2	23/64	2	60

### ORDERING INSTRUCTIONS

The same pin connector kit fits most conductor sizes from number 12 to 4 stranded both line and load.

## INSTALLING SEC SINGLE-PIN CONNECTOR KIT

1. Select segment size a minimum of 5/64" smaller than outside dimensions of insulation on conductors. Cut segment to be used at cutting ring, if necessary, with sharp knife. (See illustration for cutting ring dimensions.)
2. Apply silicone lubricant (provided in kit) on conductor and segment opening. Conductors must be clean and free of foreign materials.
3. Insert conductors through opening of segments approximately six inches beyond end of connector kit.
4. Trim insulation from conductors the length of lug on pin holder and attach to lug, tighten securely.



5. Apply silicone lubricant to inside of segment around conductors.
6. Push pin and connector back into pin connector body.
7. Plug connector kit bodies together. Connector should be clean and free of foreign materials for proper seal. SEC connector kits provide a watertight connection that can be disconnected and reused.

