

# nVent ERICO Lay-In Lock Shear Connector



The nVent ERICO Lay-In Lock Shear Connector features an innovative, tamper-proof solution to tap in and create irreversible parallel connections anywhere on new or existing grounding grids. This quick, low-maintenance option increases convenience and simplifies installation with its shear-off bolt head and unique lay-in feature to hold conductors in place prior to making a secure connection.

Designed to improve performance, reduce damage, and enhance reliability, the nVent ERICO Lay-In Lock Shear Connector ensures a consistent clamp force on every connection. Composed of durable bronze, the unique hexagonal design eliminates the need for specialized tools while allowing installers to meet industry torque requirements and expedite inspection due to its highly visible, permanent connection. Suitable for use with Theft Deterrent Cable and UL listed for #6 and #2 solid cable.

## CERTIFICATIONS



## FEATURES

- Hexagonal bolt head shears when proper torque is applied
- Lay-in capability eliminates need to feed or cut conductors during installation
- Allows for permanent, secure connection between multiple conductors
- No special tools required
- Suitable for direct burial
- Corrosion resistant
- Marked to display versatile conductor ranges
- RoHS and REACH compliant
- Suitable for indoor & outdoor applications
- Manufactured in USA

## SPECIFICATIONS

Table 1/2

| Catalog Number | Material | Direct Burial | Conductor Size         | Number of Conductors | Torque | Hex Width |
|----------------|----------|---------------|------------------------|----------------------|--------|-----------|
| ELLC1G         | Bronze   | Yes           | #6 Solid, #6 Stranded  | 2                    | 17 N·m | 16.51 mm  |
| ELLCS1         | Bronze   | Yes           | #6 Solid - #2 Stranded | 2                    | 17 N·m | 19.05 mm  |

Table 2/2

| Catalog Number | Length | Diameter | Unit Weight |
|----------------|--------|----------|-------------|
| ELLC1G         | 50mm   | 19 mm    | 0.1 kg      |
| ELLCS1         | 64mm   | 22 mm    | 0.14 kg     |

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

### North America

+1.800.753.9221  
Option 1 – Customer Care  
Option 2 – Technical  
Support

### Europe

Netherlands:  
+31 800-0200135  
France:  
+33 800 901 793

### Europe

Germany:  
800 1890272  
Other Countries:  
+31 13 5835404

### APAC

Shanghai:  
+ 86 21 2412 1618/19  
Sydney:  
+61 2 9751 8500



Our powerful portfolio of brands:

**CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE**