# Harting Connectors & Cables

## Ordinary Location Connectors and Cables

General Industrial  Task  Warehouses

The Harting Connectors and Cables are Ordinary Location Pairings that can be used for power and dimming connections on a luminaire. They are offered in multiple versatile through-feed configurations allowing straight or angled cable to fixture mounting on various fixture options.

| 21877 | | | | |
|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 |

| 1 SERIES | 2 OPTION CODE | 3 LENGTH | 4 CONNECTOR TYPE | 5 CONNCTOR ANGLE |
|---|---|---|---|---|
| **21877:** Cord Assembly | **H3:** Power Cable<br>**H3D:** 0-10V Dimming Cable<br>**H5:** DALI+Ground Cable | **10:** 10 Feet<br>**15:** 15 Feet<br>**25:** 25 Feet<br>**50:** 50 Feet<br>**100:** 100 Feet | **MF:** Harting Male to Female<br>**CPF:** Blunt End Cord to Harting Female<br>**CP1F:** 120V Twist Lock Plug to Harting Female.<br>**CP2F:** 277V Twist Lock Plug to Harting Female.<br>**CP3F:** 120V Straight Blade Plug to Harting Female. | **Blank:** Straight<br>**A:** Angled |

**CONSTRUCTION FEATURES**

18 AWG Wire Cable
Zinc Die-Cast Hood
Brass Cable Clamps
Pegs for Secure Latch Clamp W/Connectors

**NOTE:**

All Harting Connector Cables for use with LDPI Light Fixtures must be purchased through LDPI to maintain UL compliance.

**APPLICABLE FIXTURES:**

LE104
LE108
LE180
LEINS2
LEINS3
LEINS5
LEINF

**Connector Information**

| Option Code | Cable Required | Connectors Used On Fixture | Use Case |
|---|---|---|---|
| H3 | 21877-H3-XXXX | 4 Pole Connectors (QTY 2) | A through-feed circuit for providing power to the fixture. A 3 pole cable is connected to the Ground, Neutral and Live Wires. |
| H3D | 21877-H3-XXXX<br>&<br>21877-H3D-XXXX | 4 Pole Connectors (QTY 2)<br>&<br>5 Pole Connectors (QTY 2) | Used when power as well as 0-10V dimming will be used in a through feed circuit. Power and Dimming cables are separated into separate connectors to prevent interference between cables. The power circuit contains 3 pin + ground connectors used with a 3 Pole Cable containing a Ground, Neutral and Live wire connection. For the Dimming Circuit 4 pole + ground connectors are used to prevent crossing of any cables and 3 pole cables will be used for Dim+ and DIM- and ground. |
| H5 | 21877-H5-XXXX | 5 Pole Connectors (QTY 2 | Used when DALI dimming is selected with Harting a through-feed circuit, 4 pin + ground connectors will be used in conjunction with a 5 pole cable for Ground, Neutral, Live and 2 DALI poles. |
| ** See following pages for standard connector location on fixtures | | | |


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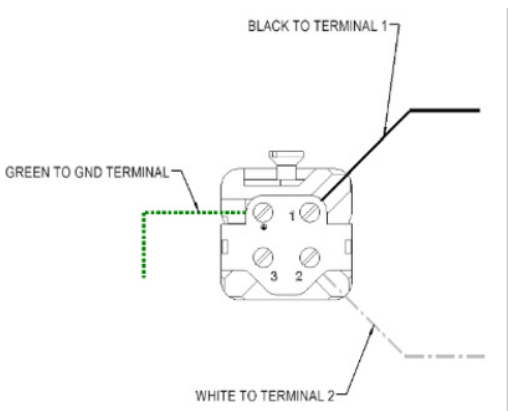
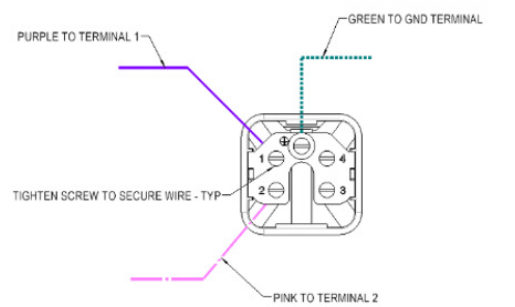
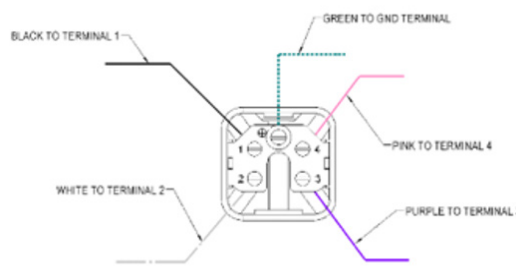
**Connector Options**

| Option Code | Cable Connector Configuration | Pinout |
|---|---|---|
| H3 | 21877-H3-XXXX |  |
| H3D | 21877-H3D-XXXX |  |
| H5 | 2187-H5-XXXX |  |

**Fixture Cord Options**

| Cord Options | Pinout |
|---|---|
| Straight Cord (Blank) | |
| Angled Cord (A) | |

**Fixture Connections**

| Housing Options | Pinout |
|---|---|
| Straight Connection | |
| Angled Connection | |

*Note: All fixtures come standard with straight connection on fixture except LEINF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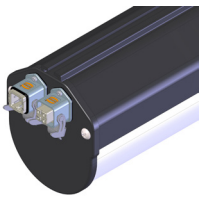
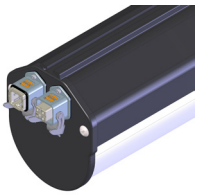
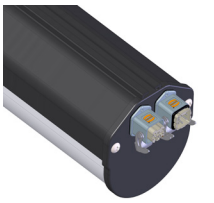
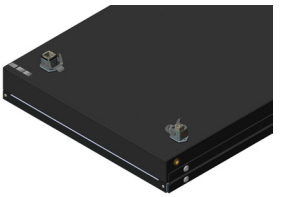
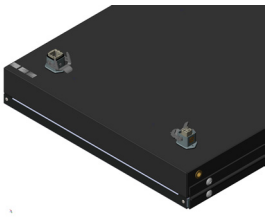
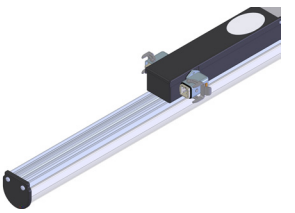
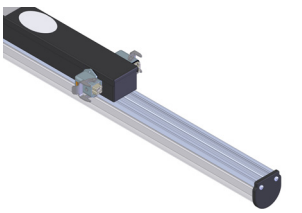
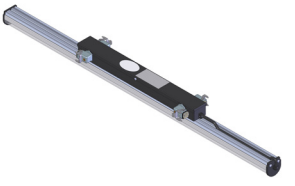
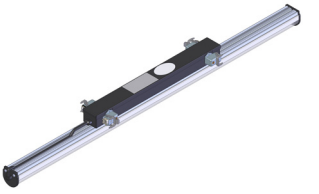
General Industrial Task Warehouses

| Fixture Series | Option Code | Power Connectors | Dimming Connectors |
|---|---|---|---|
| LEINS2 | H3, H5 |  | N/A |
| | H3D |  |  |

| Fixture Series | Option Code | Power Connectors | Dimming Connectors |
|---|---|---|---|
| LEINS3 | H3, H5 |  | N/A |
| | H3D |  | |

| Fixture Series | Option Code | Input Connectors | Output Connectors |
|---|---|---|---|
| LEINS5 | H3, H5 |  |  |
| | H3D |  |  |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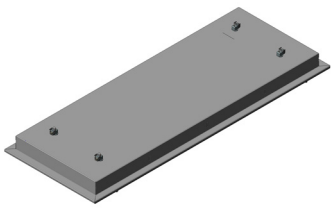
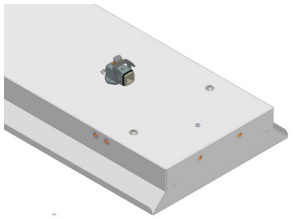
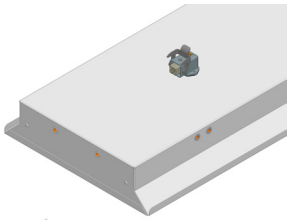
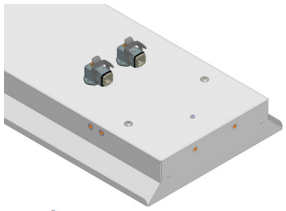
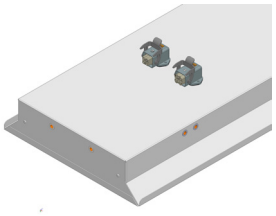
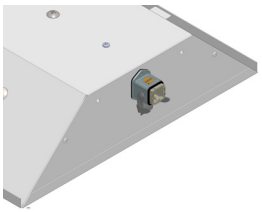
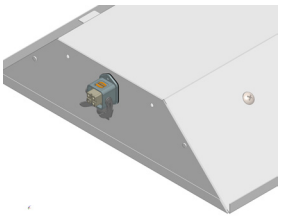
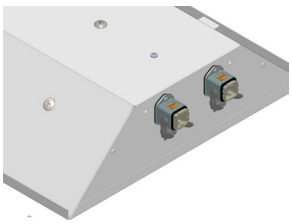
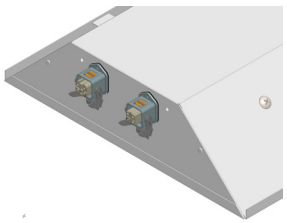
| Fixture Series | Option Code | Primary Connectors | Dimming Connectors |
|---|---|---|---|
| LEINF | H3, H5 | | N/A |
| | H3D |  | N/A |

| Fixture Series | Option Code | Input Connectors | Output Connectors |
|---|---|---|---|
| LE104/108 | H3, H5 |  |  |
| | H3D |  |  |

* Harting Connectors only available on LE104 and LE108 with 90 degree connector and straight blade plug

| Fixture Series | Option Code | Input Connectors | Output Connectors |
|---|---|---|---|
| LE180 | H3, H5 |  |  |
| | H3D |  |  |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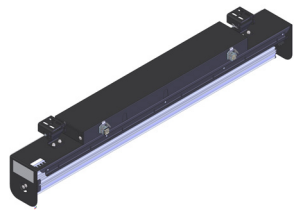
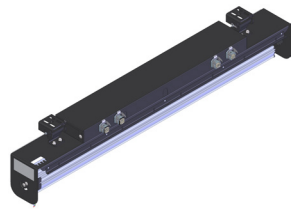
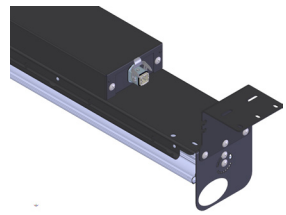
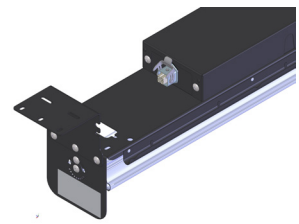
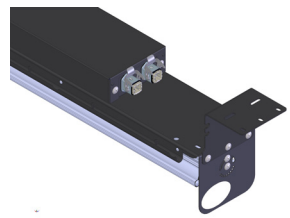
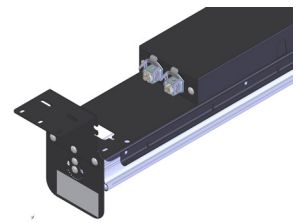
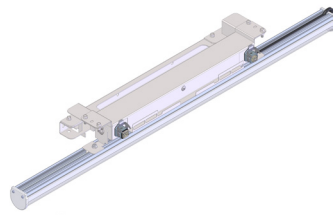
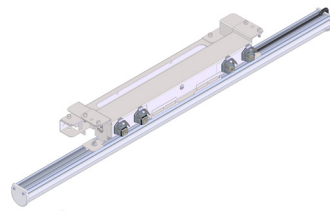
General Industrial Task Warehouses

| Fixture Series | Option Code | Primary Connectors | Dimming Connectors |
|---|---|---|---|
| LE155H | H3, H5 |  | N/A |
| | H3D |  | N/A |

| Fixture Series | Option Code | Input Connectors | Output Connectors |
|---|---|---|---|
| LE155S | H3, H5 |  |  |
| | H3D |  |  |

| Fixture Series | Option Code | Primary Connectors | Dimming Connectors |
|---|---|---|---|
| LE158H | H3, H5 |  | N/A |
| | H3D |  | N/A |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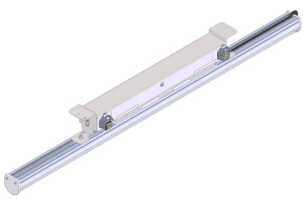
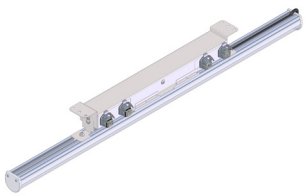
|---|---|---|---|
| LE158S | H3, H5 |  | N/A |
| | H3D |  | N/A |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