



OneConnect™ with Interior Light Control

7-Way, 7-Way/Dual Pole, Dual Pole, and Dual Pole/Single Pole Noseboxes

The OneConnect™ with Interior Light Control is a “basic nosebox” with built-in interior light controller. It is available in the following configurations:

- 7-Way
- 7-Way and Dual Pole
- Dual Pole
- Dual Pole and Single Pole



Specifications:

Input Voltage Range.....	7 to 16 V	Selectable Low Voltage Disconnect (LVD)	Yes
Output Voltage Range.....	9.5 to 16 V	Short Circuit Detection	Yes
Input Connections.....	Batt+, Batt-, Light Switch	Dimensions (L X W X H).....	10.50” X 6.32” X 6.76”
Output Connections	Light Power	Weight	approx. 5 lbs
Operating Temperature Range	-40 to 85°C	Weight with installation materials	approx. 15 lbs
Quiescent Current	< 30 mA	Overcurrent “Fused” Protection.....	Yes
Maximum Output Current	30 A		

Interior Light Control:

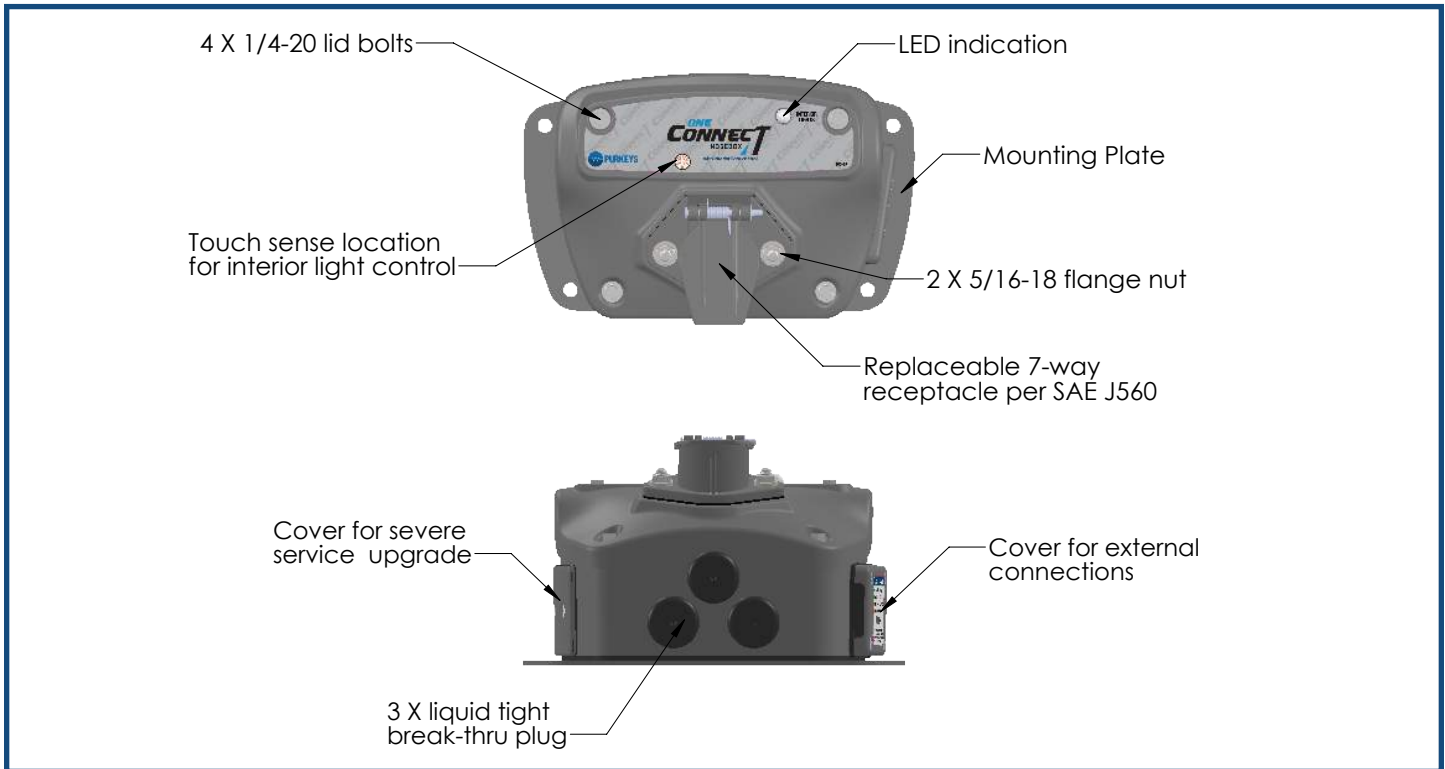
Interior lights can be turned on/off at the box or with one or more momentary switches in the trailer. The lights will automatically shut off when:

- The truck is started.
- The timer runs out. The timer is programmable between 15, 30, 60, and 90 minutes, with 15 minutes as the default.
- The battery voltage drops below a predetermined set point.

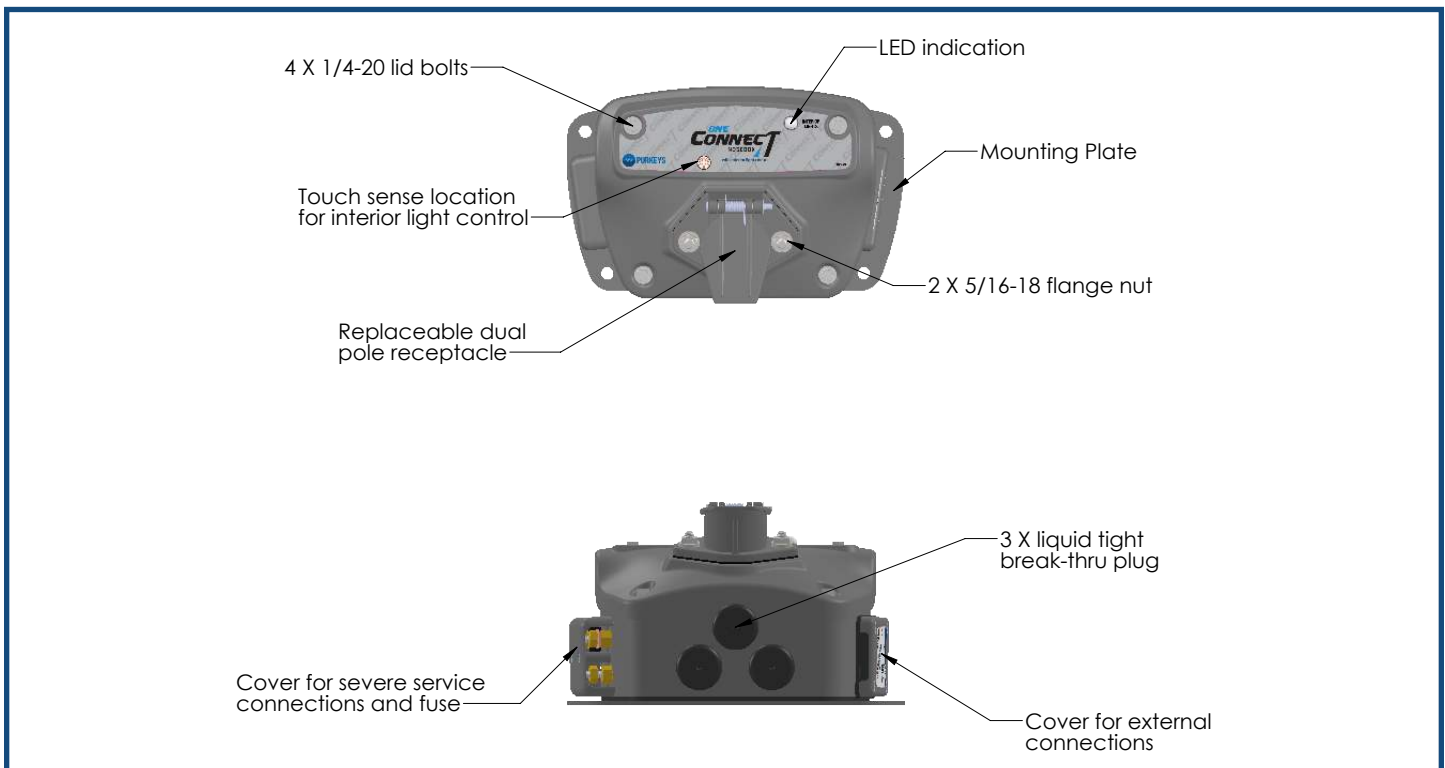
Before shutting off, the LED and interior lights will flash when there are 3, 2, and 1 minute(s) remaining before shutdown. See guide for details.

Call-Outs: Exterior, One Receptacle

7-Way Receptacle

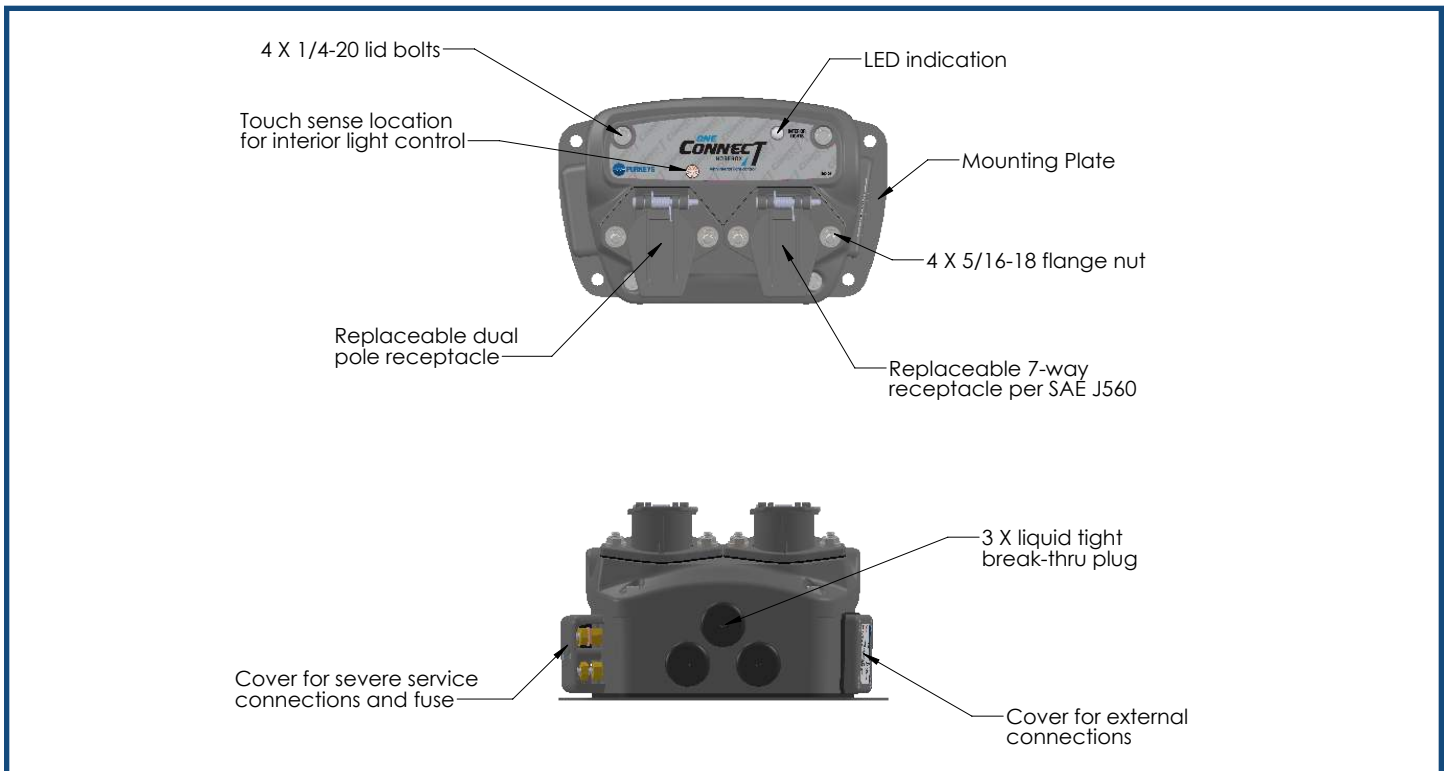


Dual Pole Receptacle

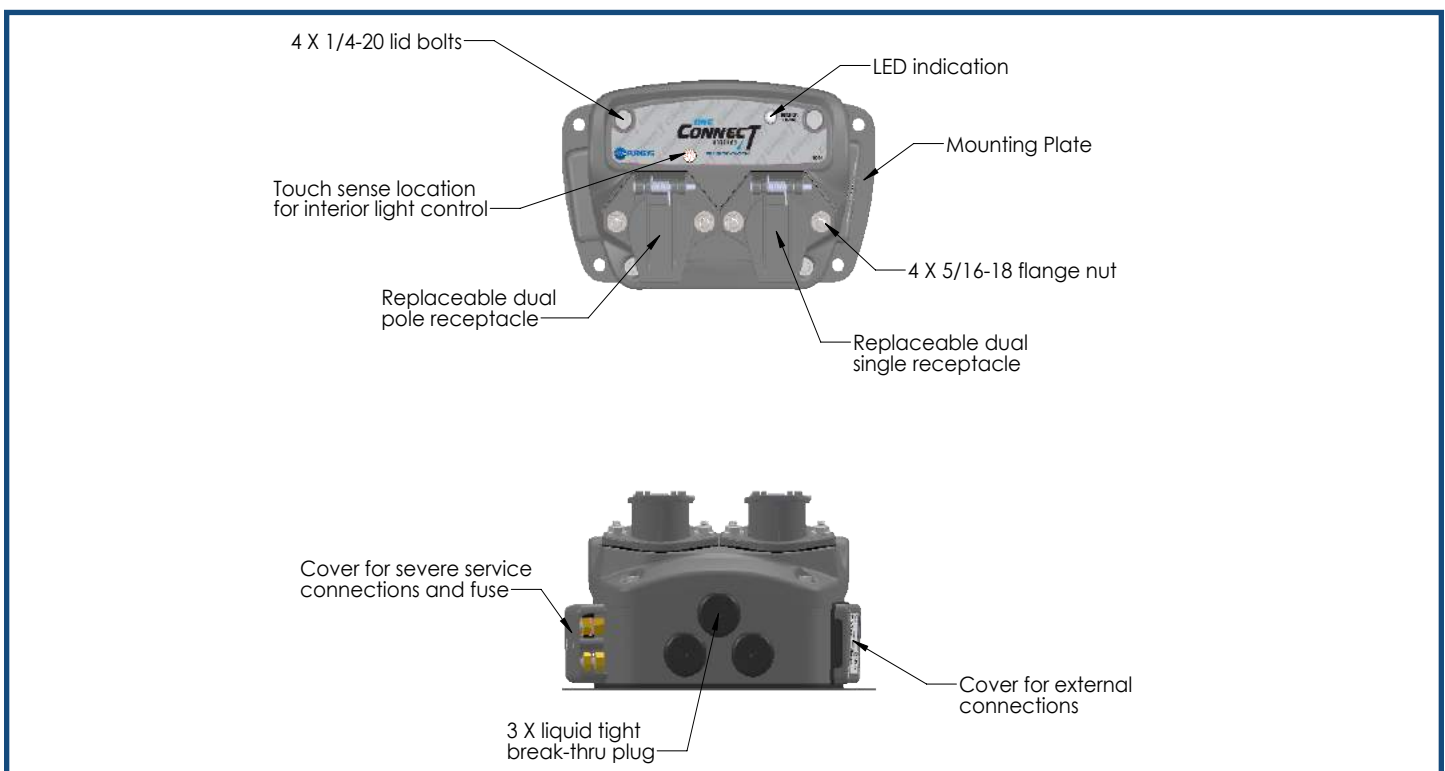


Call-Outs: Exterior, Two Receptacles

7-Way and Dual Pole



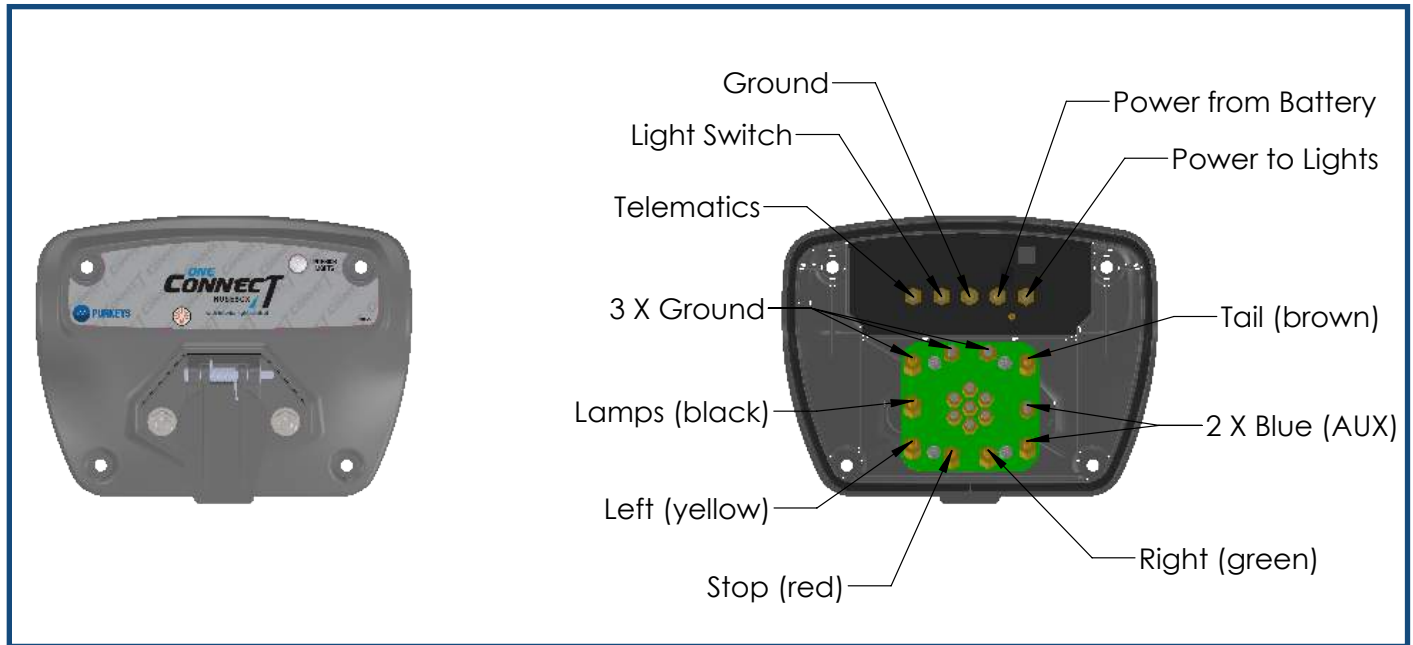
Dual Pole and Single Pole



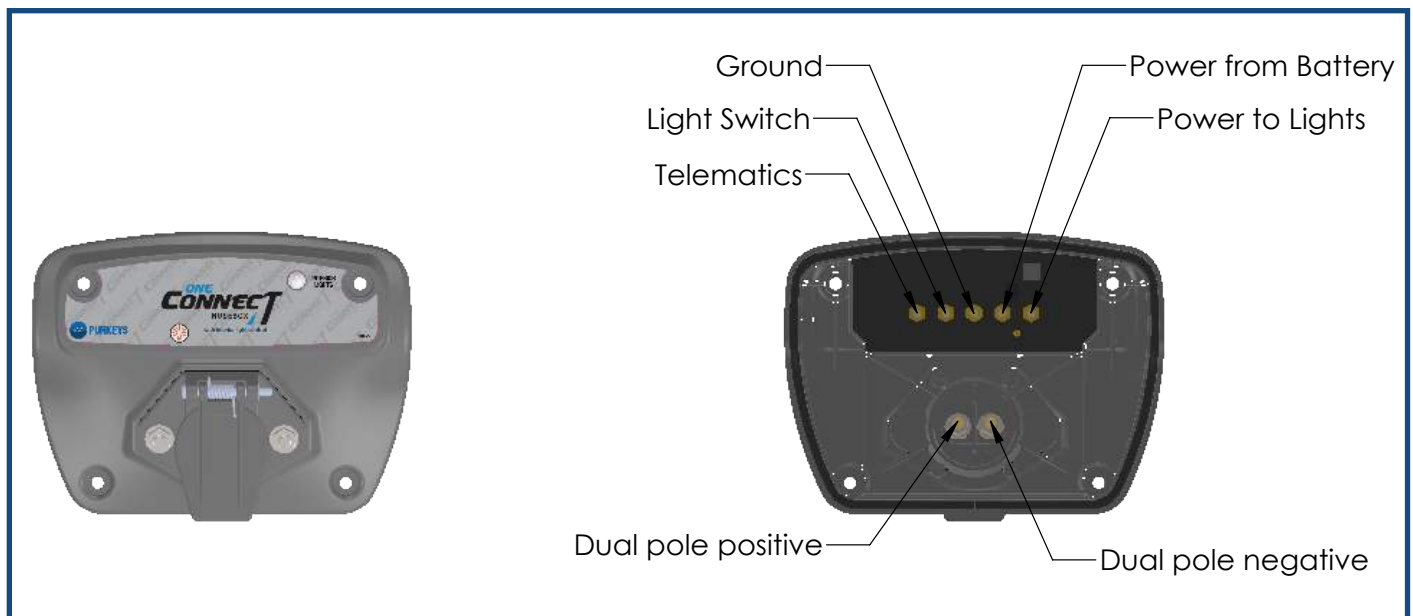
Call-Outs: Interior, One Receptacle

Note: Not all models include a telematics connection.

7-Way Receptacle



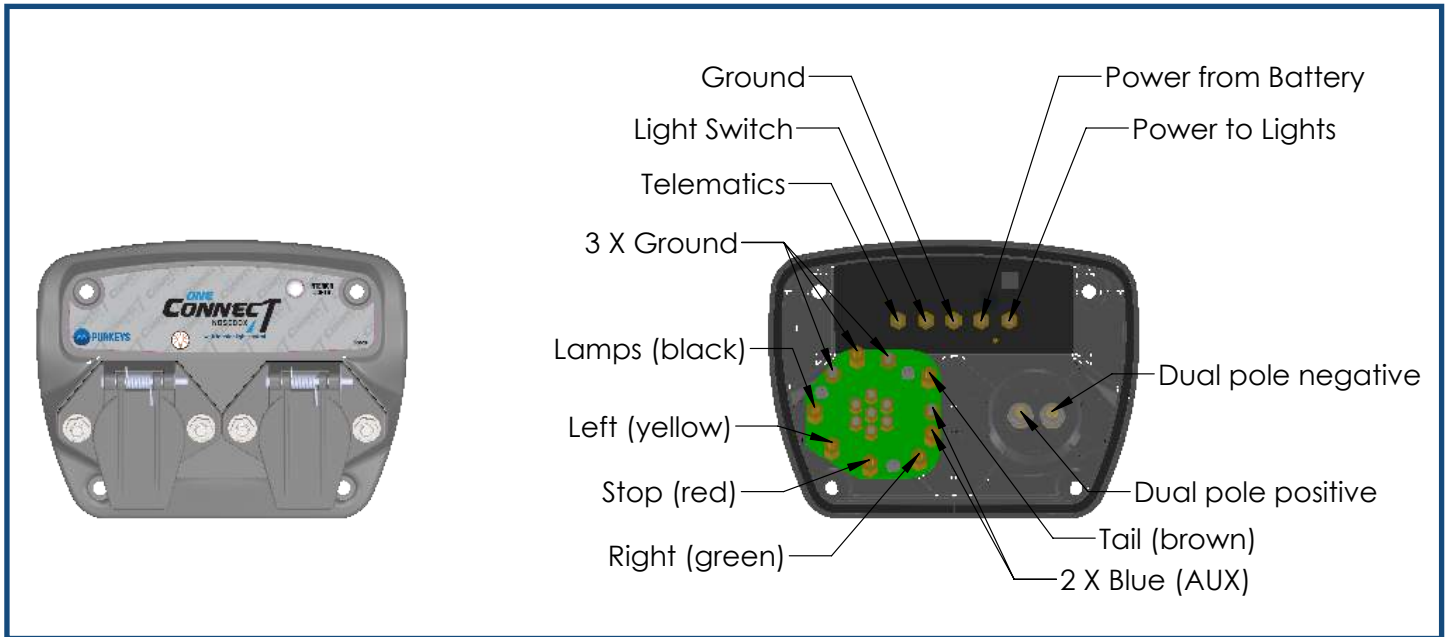
Dual Pole Receptacle



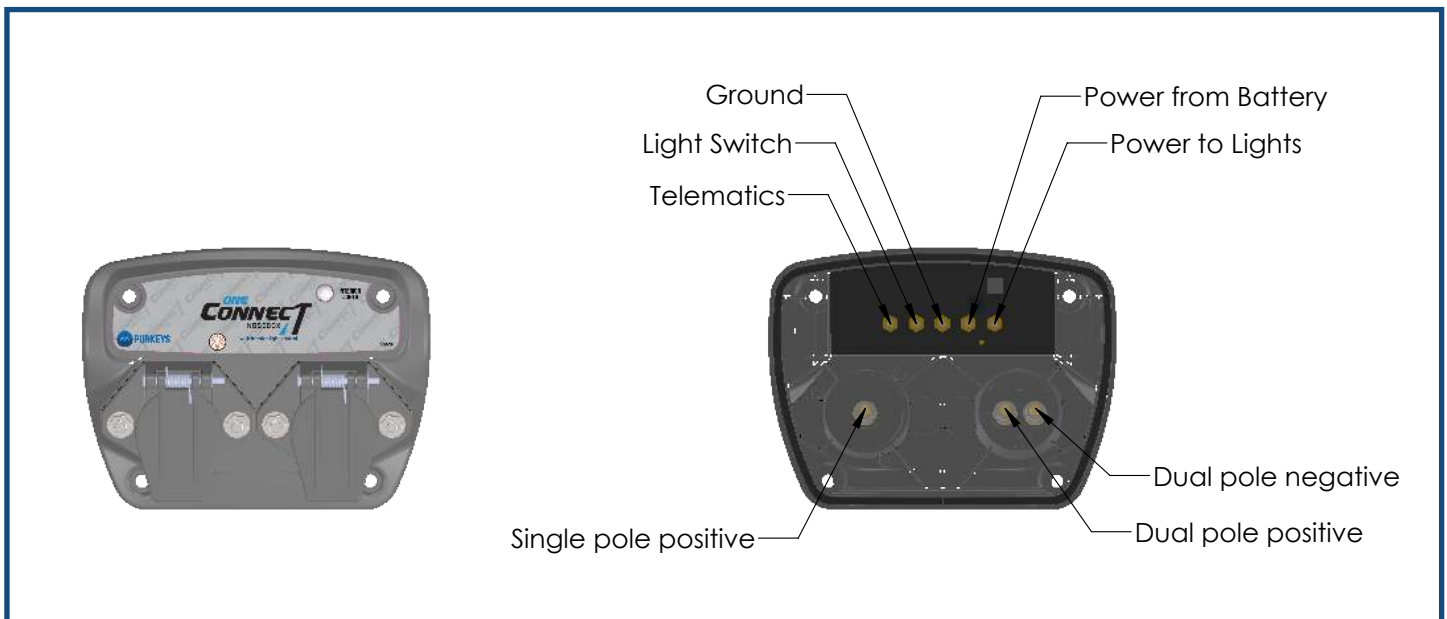
Call-Outs: Interior, Two Receptacles

Note: Not all models include a telematics connection.

7-Way and Dual Pole

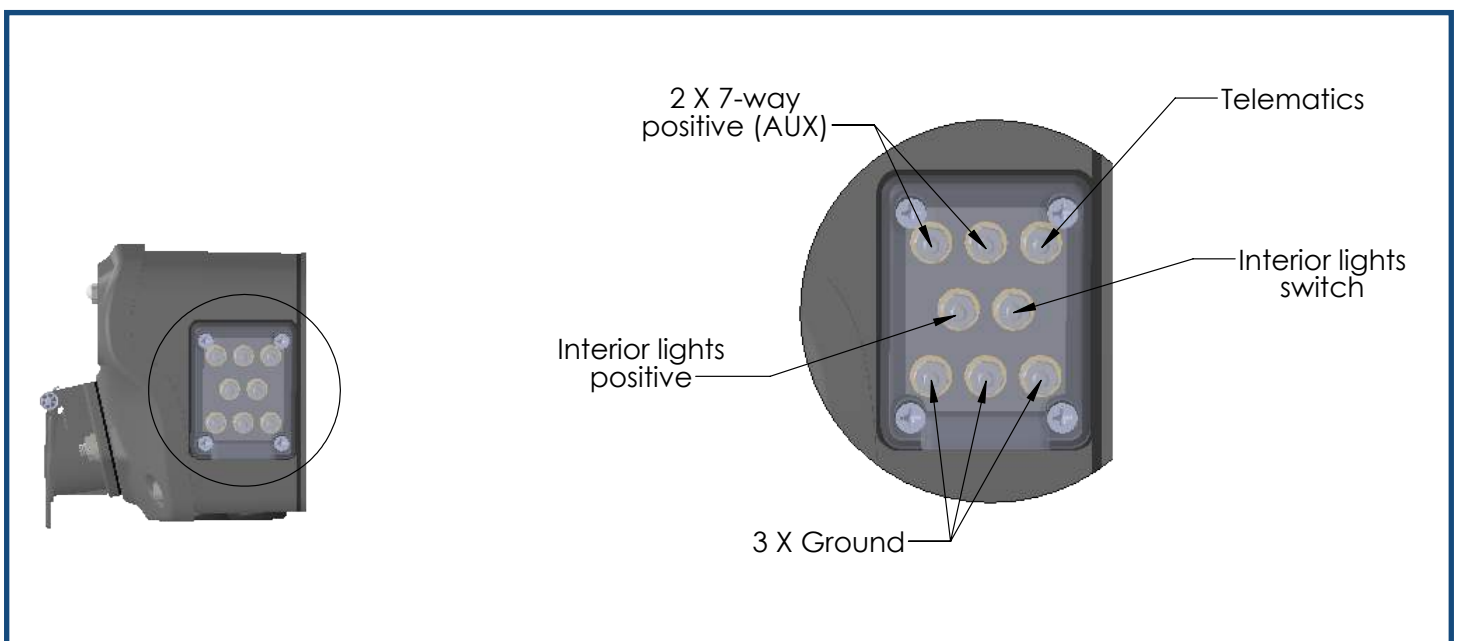
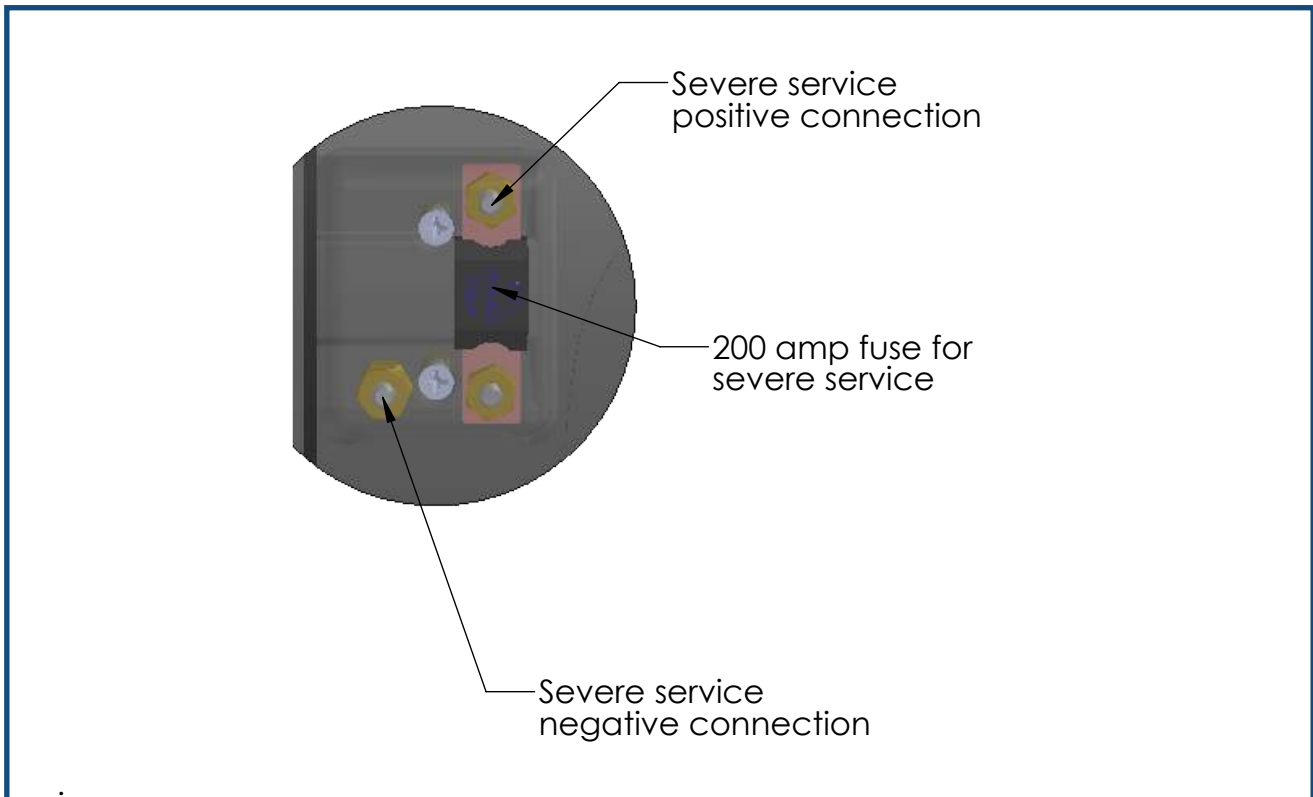


Dual Pole and Single Pole



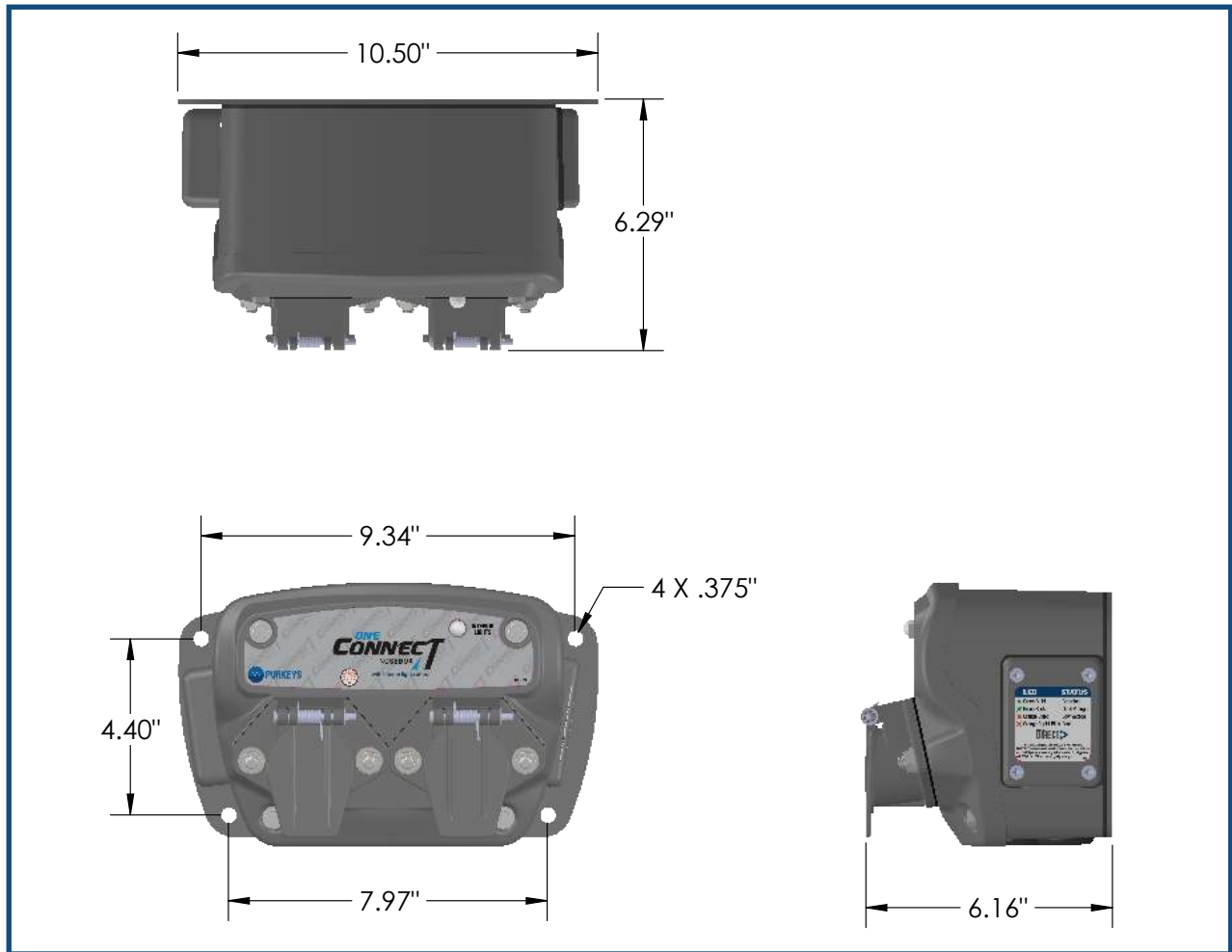
Call-Outs: External Connections

Note: Not all models include all connections shown or covers for external connections.



Dimensions:

Note: All noseboxes have the same dimensions, regardless of number or type of receptacles.



Features:

Benefits:

Designed to meet SAE J1455	Robust and Long Lasting
IP56 Rating Enclosure	Designed for Harsh Weather Conditions
IP67 Rating Light Controller	Designed for Harsh Weather Conditions
LED Indication	Indication of on/off status of Interior Lights
Selectable Low Voltage Disconnect.....	Protect Batteries - Selectable at 12.2 V (default) or 12.4 V
Timed Disconnect.....	Selectable Timer Functions - 15 (default), 30, 60 or 90 min
Short Circuit Detection	Short Circuit Indication
Overcurrent "Fused" Protection.....	Protected
Warranty: 3 years.....	Built to Last