

Amphenol®



eLock 500

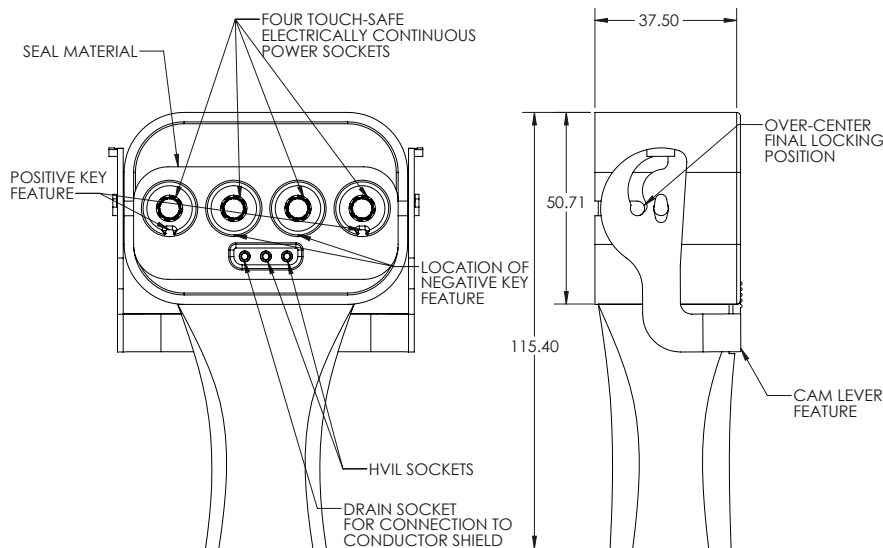
Amphenol eLock 500 was designed to address the need for a high voltage, high current, low weight 4-way & 2 way connector with competitive pricing. Stemming from the rugged ePower family of Amphenol connectors, the eLock 500 has similar electrical characteristics and high quality manufacturing. Encapsulating our successful RADSOK® technology in a water-proof plastic housing, eLock 500 is a perfect solution for power connections in demanding applications such as electric marine vehicles and battery packs for energy storage amongst others.

Features:

- Rear panel mount header
- Low-profile right angle plug
- 2,000A surge – 3 seconds
- 1,000V DC
- IP 67 sealed (waterproof) – unmated & IP 69 K mated
- IP2x (finger touch proof)
- UL94-V0 (self extinguishing)
- 2 HVIL terminals – last mate / first break purposes
- 1 signal terminal for shield grounding, if needed
- 2,000 mating cycles – minimum
- Lever / Cam Lock System

eLock 500

Specification	
Electrical Characteristics	<ul style="list-style-type: none"> • 2,000A surge – 3 seconds • 1,000V DC • 1 signal terminal for shield grounding, if needed
Mechanical Characteristics	<ul style="list-style-type: none"> • Rear panel mount header • Low-profile right angle plug • 2,000 mating cycles – minimum • Lever / Cam Lock System
Environmental Protection	<ul style="list-style-type: none"> • IP 67 sealed (waterproof) – unmated & IP 69 K mated
Safety Features	<ul style="list-style-type: none"> • IP2x (finger touch proof) • UL94-V0 (self extinguishing) • 2 HVIL terminals – last mate / first break purposes



Applications for Energy Storage Involving Batteries:

- Commercial Vehicle Electrification
- Marine Vehicle Electrification
- Grid Energy Storage
- Flywheel Energy Storage
- Construction Machinery and Equipment
- Agriculture Machinery & Equipment

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements of suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

For further information on your individual application requirements, contact: Amphenol Corporation

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