

Crouse-Hinds K100S

User Manual: K100S Sheet Steel Cover 1 Inch Condulet

CROUSE-HINDS

1. Introduction

This manual provides essential information for the proper installation, function, and maintenance of the Crouse-Hinds K100S Sheet Steel Cover 1 Inch Condulet. Please read this manual thoroughly before installation and retain it for future reference. This product is designed to provide a protective and accessible cover for rigid conduit outlet bodies.

2. Safety Information

WARNING: Electrical work should only be performed by qualified and licensed electricians. Failure to follow these instructions can result in electrical shock, fire, serious injury, or death.

- Always disconnect power at the circuit breaker or fuse box before installing, servicing, or removing any electrical components.
- Ensure all local and national electrical codes are followed during installation.
- Use appropriate personal protective equipment (PPE) such as insulated gloves and safety glasses.
- Verify that the product is suitable for the intended application and environment.
- Do not modify the product in any way.

3. Product Overview

The Crouse-Hinds K100S is a sheet steel cover designed for use with 1-inch rigid conduit outlet bodies. It provides a durable and secure closure for conduit access points, protecting internal wiring from dust, debris, and accidental contact while allowing for future access for maintenance or modifications.



Figure 3.1: The K100S Sheet Steel Cover, a metallic oval-shaped plate with two screw holes for attachment to a conduit body.

Key Features:

- Designed for rigid conduit outlet bodies.
- Trade size of 1 Inch.
- Constructed from durable sheet steel.

4. Setup and Installation

The K100S cover is designed for straightforward installation onto compatible 1-inch rigid conduit outlet bodies. Ensure the conduit body is properly installed and secured before attaching the cover.

1. **Prepare the Conduit Body:** Ensure the conduit outlet body is clean, free of debris, and properly mounted according to electrical codes.
2. **Position the Cover:** Align the K100S sheet steel cover over the opening of the 1-inch conduit outlet body, ensuring the screw holes on the cover align with the threaded holes on the conduit body.
3. **Secure the Cover:** Insert the appropriate screws (typically provided with the conduit body or purchased

separately) into the screw holes of the cover and thread them into the conduit body. Tighten the screws firmly but do not overtighten, as this can strip the threads or deform the cover.

- 4. **Verify Security:** Gently attempt to move the cover to ensure it is securely fastened and provides a complete seal over the conduit opening.

5. Operation

The K100S Sheet Steel Cover is a passive component designed to protect the contents of a conduit outlet body. Once installed, its primary function is to provide a secure and protective barrier. No active operation is required.

- The cover maintains the integrity of the electrical system by preventing unauthorized access and protecting wiring from environmental elements.
- It allows for future access to the conduit interior for inspection, wiring modifications, or troubleshooting by simply unscrewing and removing the cover.

6. Maintenance

The K100S cover requires minimal maintenance. Regular inspection is recommended to ensure its continued effectiveness.

- **Periodic Inspection:** Annually or as needed, inspect the cover for any signs of damage, corrosion, or loosening of screws.
- **Cleaning:** If necessary, wipe the cover with a clean, dry cloth to remove dust or dirt. Avoid abrasive cleaners or solvents that could damage the finish.
- **Screw Tightness:** Re-tighten screws if they appear loose, ensuring a secure fit. Do not overtighten.

7. Troubleshooting

Most issues related to the K100S cover are minor and can be resolved with simple checks.

- **Cover Does Not Fit:**
 - Verify that the conduit outlet body is a 1-inch rigid type. This cover is specifically designed for 1-inch conduit bodies.
 - Check for any obstructions or debris on the conduit body's mating surface.
- **Screws Do Not Tighten:**
 - Ensure you are using the correct size and type of screws for the conduit body.
 - Inspect the threads on both the screws and the conduit body for damage. If threads are stripped, the conduit body may need replacement.
- **Cover Appears Damaged/Corroded:**
 - If the cover is significantly damaged or corroded, it should be replaced to maintain proper protection and aesthetic integrity.

8. Specifications

Attribute	Detail
Model	K100S

Brand	Crouse-Hinds
Product Type	Sheet Steel Cover for Rigid Conduit Outlet Body
Trade Size	1 Inch
Material	Steel
Package Dimensions	5.31 x 1.75 x 0.31 inches
Weight	40 Pounds (Note: This weight seems unusually high for a cover and might refer to shipping weight or a bulk package. Please verify with supplier if critical.)
Manufacturer	CROUSEH
ASIN	B00270LNLG
Country of Origin	India

9. Warranty and Support

Specific warranty information for the Crouse-Hinds K100S Sheet Steel Cover is not provided in this manual. For details regarding product warranty, technical support, or service, please contact Crouse-Hinds directly or refer to their official website. Always provide the model number (K100S) and ASIN (B00270LNLG) when seeking support.

Crouse-Hinds Contact Information: Please refer to the manufacturer's official website or product packaging for the most current contact details.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question