

Schneider KSW5

Schneider KSW5 Cam for Rotary Nock Switch

User Instruction Manual

INTRODUCTION

The Schneider KSW5 Cam is a precision component designed for integration into rotary nock switch assemblies. It plays a crucial role in defining the switching positions and operational characteristics of the switch. This manual provides essential information for the proper installation, operation, and maintenance of the KSW5 Cam to ensure optimal performance and longevity.

PRODUCT OVERVIEW





This image displays the Schneider KSW5 Cam, a clear, cylindrical component designed to interact with a rotary nock switch. The cam features internal grooves and ridges that define the switching positions.

SETUP

1. **Safety First:** Ensure all power to the rotary switch assembly is disconnected before beginning installation.

2. **Identify Components:** Locate the designated slot or shaft within the rotary nock switch mechanism where the KSW5 Cam is to be installed.
3. **Align Cam:** Carefully align the KSW5 Cam with the corresponding grooves or keyways in the switch assembly.
4. **Insert Cam:** Gently push the cam into place until it is securely seated. Do not force the cam, as this may cause damage.
5. **Verify Seating:** Ensure the cam is fully engaged and does not wobble or move freely.
6. **Reassemble Switch:** Reassemble any covers or housing components of the rotary switch according to the switch manufacturer's instructions.
7. **Test Functionality:** After reassembly, carefully test the rotary switch's operation to confirm the cam functions as expected before restoring power.

OPERATING INSTRUCTIONS

The KSW5 Cam itself is a passive component that dictates the mechanical action of a rotary nock switch. Its operation is directly tied to the rotation of the switch's actuator.

- When the rotary switch actuator is turned, the internal mechanism interacts with the cam's profile.
- The specific contours of the KSW5 Cam determine the precise points at which the switch contacts open or close, defining the switch's various positions (e.g., ON/OFF, multiple selections).
- Always operate the rotary switch smoothly and deliberately to ensure proper engagement with the cam. Avoid excessive force or rapid movements that could damage the cam or switch mechanism.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the KSW5 Cam for any signs of wear, cracks, or deformation.
- **Cleaning:** If necessary, gently clean the cam and surrounding switch mechanism with a dry, lint-free cloth. Avoid using abrasive cleaners or solvents that could damage the plastic material.
- **Lubrication:** The KSW5 Cam typically does not require lubrication. Refer to the rotary switch manufacturer's guidelines for any lubrication requirements of the overall switch assembly.
- **Replacement:** If the cam shows significant wear or damage, replace it with an original Schneider KSW5 Cam to maintain proper switch functionality.

TROUBLESHOOTING

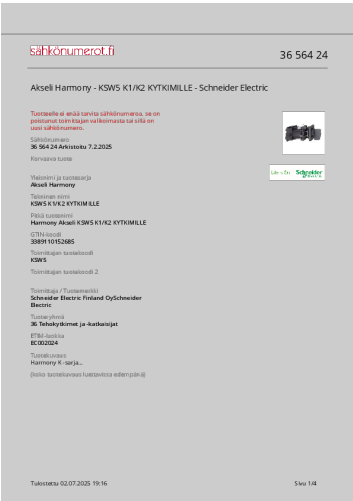
Issue	Possible Cause	Solution
Rotary switch feels stiff or does not rotate smoothly.	Cam misalignment or obstruction.	Disconnect power, disassemble the switch, and re-verify the cam's seating and ensure no debris is present.
Switch positions are inconsistent or incorrect.	Damaged or worn cam profile.	Inspect the cam for wear. If damaged, replace the KSW5 Cam.
Switch does not "click" into position firmly.	Cam or detent mechanism wear.	Check the cam for wear. If the cam is intact, the issue might be with the switch's internal detent mechanism, requiring switch replacement.

SPECIFICATIONS	
Attribute	Value
Brand	Schneider
Switch type	Rotary
Item dimensions L x W x H	37.7 x 12.8 x 12.3 centimeters
Actuator type	Rotary
International protection rating	IP00

WARRANTY AND SUPPORT
For warranty information and technical support regarding the Schneider KSW5 Cam, please refer to the official Schneider Electric website or contact their customer service directly. Specific warranty terms may vary by region and product.

Related Documents - KSW5

	Schneider Aktiv - Ausgabe 3/87: Tests, Tipps & Tricks für Schneider Computer Ein umfassender Überblick über die März 1987 Ausgabe von Schneider Aktiv, mit Tests zu Spielen wie Aliens!, Software wie Sybex Star-Texter und tiefgehenden Artikeln zu CP/M, dBase und dem Schneider PC.
	Schneider PC-Super-Angulon 28mm f/2.8 Lens User Manual Perspective Correction & Shift Photography Comprehensive user manual for the Schneider PC-Super-Angulon 28mm f/2.8 lens, detailing its features for perspective correction, parallel shift, large image circle, and technical specifications. Ideal for architectural and product photography.
	Schneider Model Railway Signals: Type L Main and Distant Signals (H0 1:87) Detailed overview of Schneider Modellbahnzubehör's Type L main and distant signals for H0 scale (1:87) model railways, covering product types, dimensions, assembly, signal meanings, and safety instructions. Features models for SBB and Epoche III+.
	Schneider National Biometric Data Collection and Retention Policy Policy outlining Schneider National Carriers, Inc. and Schneider National Bulk Carriers, Inc.'s collection, storage, use, and disclosure of biometric data collected via Netradyne's Driver.i system.
	Schneider S51-DG Smart Door Lock User Manual Comprehensive guide to installing, setting up, and using the Schneider S51-DG Smart Door Lock. Learn about its features, security modes, and various functions for enhanced home security.
	Schneider Spiegelschränke: Barrierefreie Badezimmerlösungen Entdecken Sie stilvolle und funktionale Spiegelschränke von Schneider für barrierefreie Badezimmer. Erfahren Sie mehr über die CARE LED Serie, Planungshilfen und Zubehör für Komfort und Hygiene.



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RoHS information on commercial references Schneider Electric Project KSW5 cam for rotary switch k2 20

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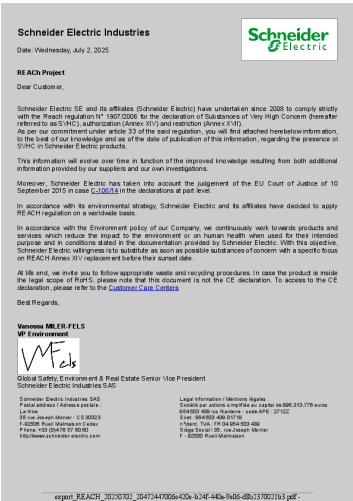
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Schneider Electric Industries Date: Wednesday, July 2, 2025 Object: Schneider

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27/2025 Week / Year Commercial ref. Brand **KSW5** Schneider Electric Range Product description Harmony K1, K2 CAM Compliance status RoHS 10 su...

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Commercial references informations on the REACH regulation Schneider Electric Project KSW5 cam for rotary switch k2 20 A Accessories control circuit devices USA export REACH 20250702

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Schneider Electric Industries Date: Wednesday, July 2, 2025 REACH Project Dear

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Brand : Product description : SCIP ID : **KSW5** Harmony K1, K2 Schneider Electric

CAM No need to declare in the SCIP database In this product...

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