

Product Spotlight

CKS and CKS2 - The Safe Key System

Selection and Application Guide

In combination with highly coded, transponder-based keys, the key adapter CKS and CKS2 forms a safe system that When paired with highly coded, transponder-based keys, the CKS and CKS2 key adapters create a secure system that meets the highest safety standards for machine and installation lockout and startup. The compact CKS model with external evaluation and the CKS2 model with integrated evaluation electronics offer versatile solutions for a wide range of tasks.. Thanks to the integrated evaluation electronics, the compact CKS2 system can solve many tasks for you.



CKS and CKS2

- Proven mechanical detent mechanism of the inserted key
- Simple diagnostics by means of new RGB LED
- Degree of protection IP67 (CKS2) and IP69 (CKS)
- Compact, robust design
- Simple rear wall mounting
- Industry 4.0 ready with CKS2
- Transponder coded with high coding level
- Keys available in different packaging units
- Cover and key available in various colors

Step 1 Determine Application Requirements

Application environment

- IP67 or IP69

Step 2 Determine Switch Part Number

Switch Family	Part Number Red head	Part Number Evaluation Unit
CKS	171792	119865
CKS2	167948	NA

Need more options - Please contact the Applications Team for Assistance

Step 3 Select Accessories

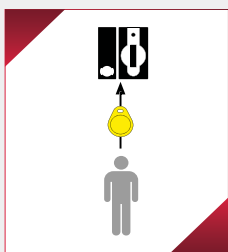
CKS Transponder Coded Key



CKS2 Transponder Coded Key



Application Guide



Starting a defined sequence

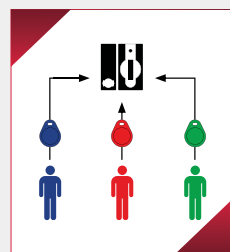
Unique locking safe key system

Simple authorization assignment for starting a defined process sequence

- Manual mode
- Maintenance

Benefits for you:

- No need for complex programming
- Uncomplicated key management



Starting a defined sequence by several operators

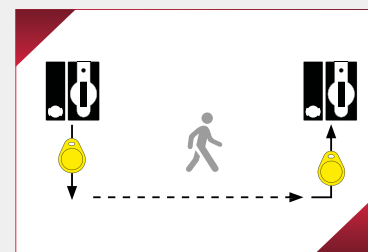
Authorization system for several operators

Authorization system for several keys with the same key and different key identification

- Formation of operator groups
- User data can be read via IO-Link

Benefits for you:

- Simple configuration of custom authorization concepts
- Several authorized operators can use the same



Stopping the installation | Starting a defined sequence

Key transfer system

The key is removed to stop the installation and inserted within the 2nd installation to start a defined sequence.

- Service and maintenance
- For passage areas

Benefits for you:

- No key exchange box or distribution station required
- Flexible and easily expandable
- Safe up to category 4 / PL e

Click here if you need to integrate a Safety Relay or Safety Controller in your application

Scan the QR code



for more information

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