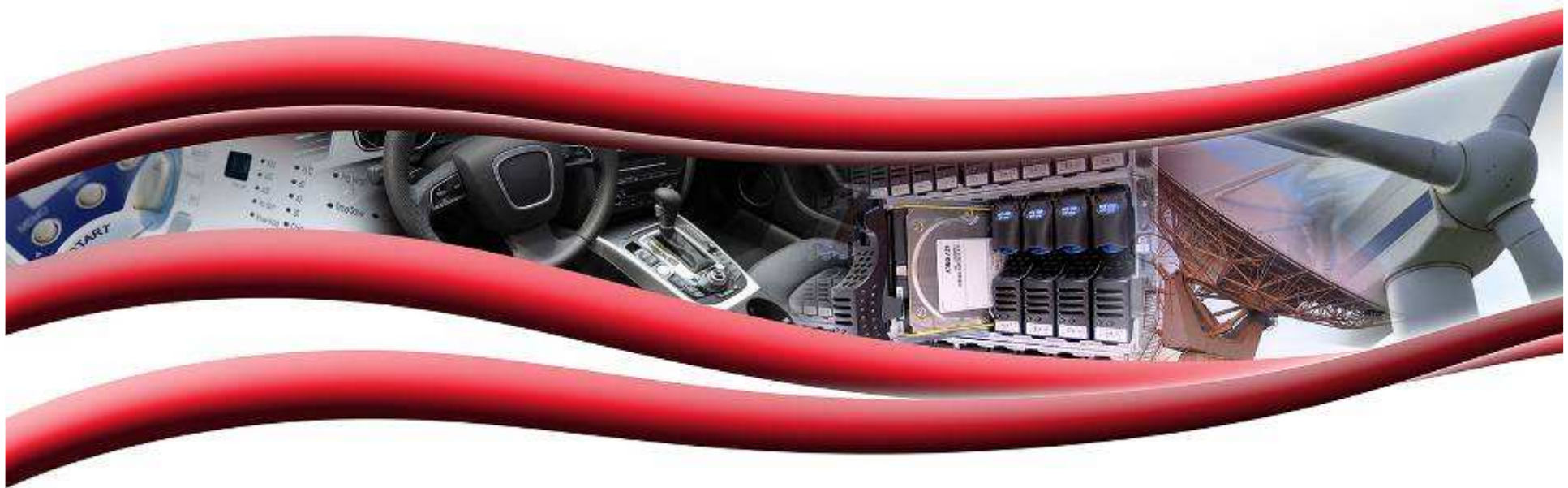




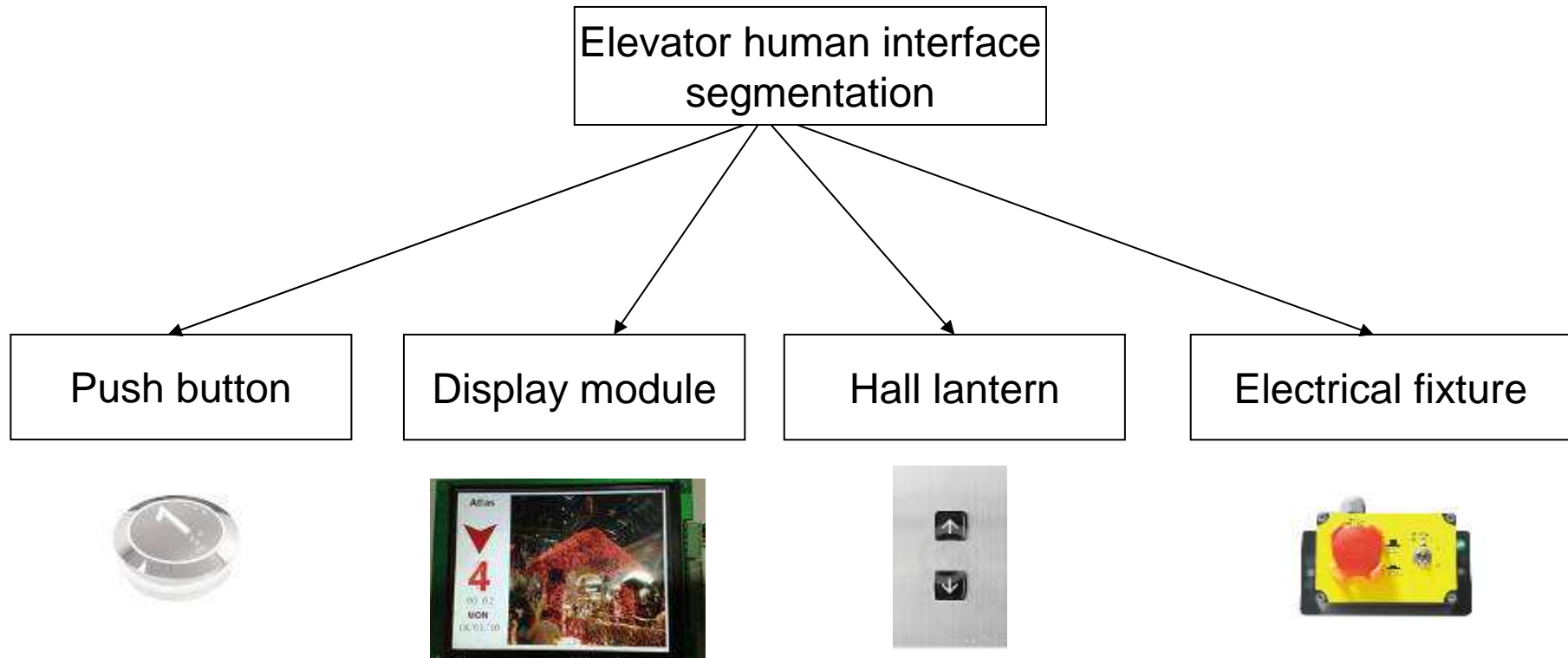
Market focus: Elevator

May 2014



Designing **Technologies** Into **Solutions**

Elevator segmentation



Key success stories on Elevator

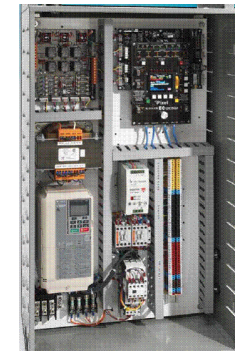
Project: Multiprocessor elevator positioning sensor

C&K product : RTE1000N14

Usage: set system configuration

EAU: 27K

Status: won



Key success stories on Elevator

Project: Elevator

C&K product : KSC701JW LFS

Usage: elevator button

EAU: 1.2 million

Status: open



Key success stories on Elevator

Project: Elevator

C&K product : KSC1001 G LFS

Usage: elevator button

EAU: 1.5 million

Status: won



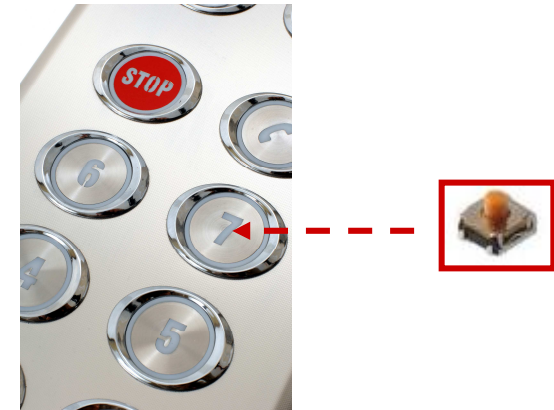
C&K product offering for Elevator

KSC series:

Key specifications:

- C&K extends its KSC series to answer to the elevator market needs and has designed 3 specific part numbers for the elevator button selection application:

- KSC401 J/G 50SH LFS
 - KSC701 J/G LFS
 - KSC1001 J/G LFS
- IP67
 - Positive tactile feeling
 - Operating life: up to 1 million cycles



General information:

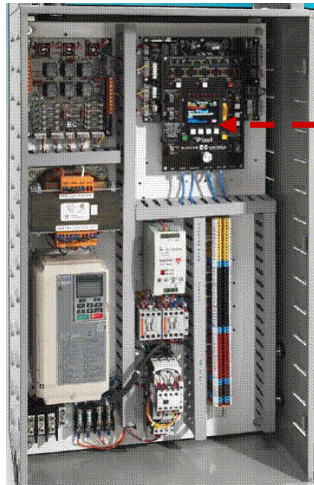
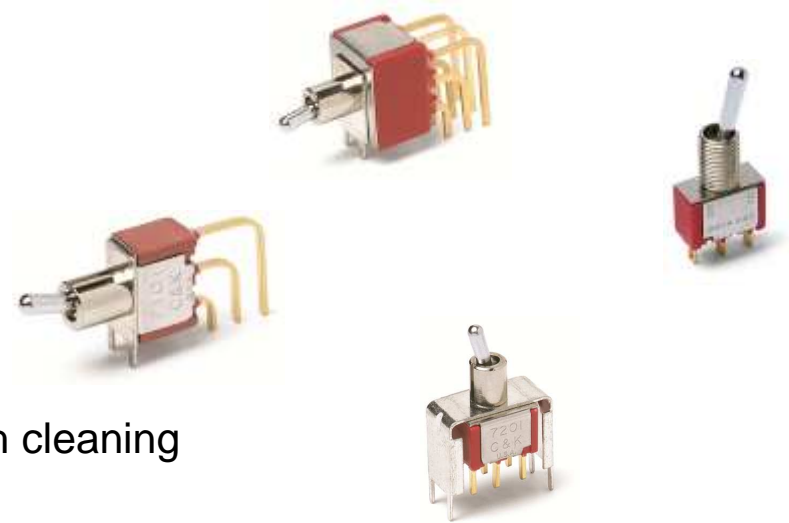
- KSC series are used as elevator button selection.

C&K product offering for Elevator

7000 series:

Specifications:

- Miniature toggle switches
- Multi pole and multi position
- Wide variety of actuator and termination options
- Epoxy terminal-seal compatible with bottom wash cleaning
- Electrical life: up to 100K cycles



General information:

- Several 7000 series are used on the control boards that monitor the elevator system.

C&K product offering for Elevator

K12 series:

Specifications:

- A wide range of actuator forces available
- THT
- Special version K12C for IP67 (non illuminated)
- Illumination option
- Operating life: up to 1 million cycles



K12S series:

Specifications:

- Double contact
- Possible illumination
- IP67
- A wide range of actuator forces available
- SMT
- Operating life: up to 5 million cycles

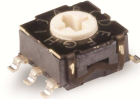


General information:

- K12 and K12S can be used as elevator button

C&K product offering for Elevator

RTE series:



Specifications:

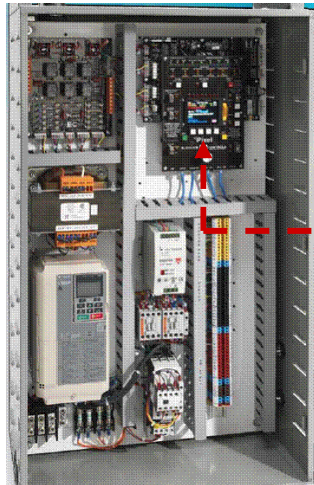
- Miniature size with robust stainless steel cover
- Rotary binary-decimal and hexadecimal coding
- Operating life: 20K actuations for RTE04/10/16

RTA series:



Specifications:

- PCB or hand soldering version
- Bushing mounting
- Multiple poles
- Decimal and hexadecimal codes
- Screwdriver slot or extended actuator
- Operating life: 10K cycles



General information:

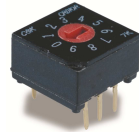
- RTE and RTA series are used in maintenance panel to allow technicians to set system configurations.
- Example of RTE and RTA usage: timers, automation components, computer and peripherals, alarms, access control and instrumentation.

C&K product offering for Elevator

CRD series:

Key specifications:

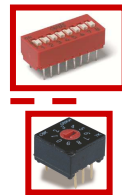
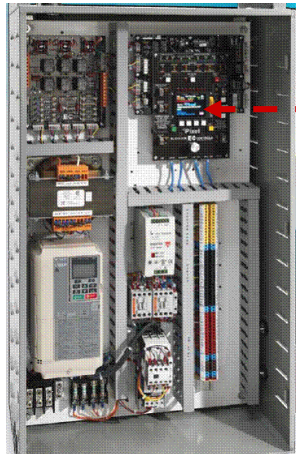
- DIP switch
- Process sealed – withstands soldering and cleaning
- THT and SMT version available
- Crisp, positive detent ensures actuation.
- Mechanical life: 30K steps min.



BD series:

Key specifications:

- DIP switch
- Traditional full profile DIP switch
- Extended actuator for easy actuation
- Open bottom construction allows for solder washing without the need for tape seal.
- Mechanical life: 10K make-and-break cycles at full load, each circuit.



General information:

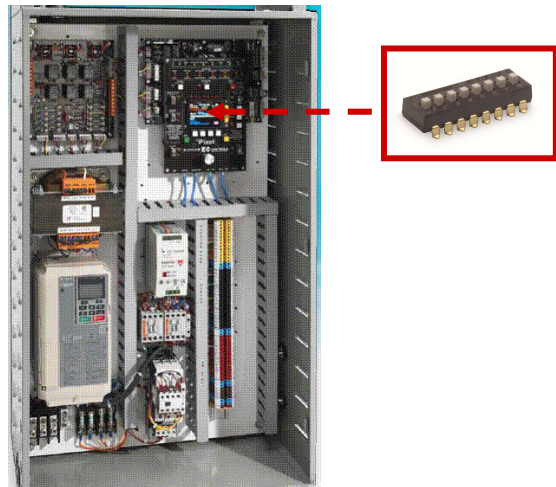
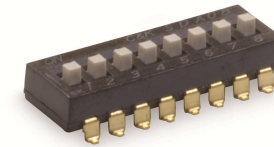
- CRD and BD series are used in maintenance panel to allow technicians to set system configurations.
- Example of CRD and BD usage: timers, automation components, computer and peripherals, alarms, access control and instrumentation.

C&K product offering for Elevator

SDA series:

Key specifications:

- DIP switch
- Low profile design save space
- THT and SMT version available
- High pressure contact does not require tape seal for washing
- Mechanical life: 1K cycles at rated loads



General information:

- SDA series are used in maintenance panel to allow technicians to set system configurations.
- Example of SDA usage: timers, automation components, computer and peripherals, alarms, access control and instrumentation.