

Controlling every move safely, precisely and efficiently

Trust Omron for Reliable Controls

From door control to cab and tread speed control, you can apply Omron components throughout your elevator/lift projects.

- Over 20 years supplying the elevator industry
- Proven automation and industrial components since 1933
- Robust selection of sensors, relays, switches, controllers, drives and power supplies
- Renowned STI brand safety products
- One stop source helps reduce project administration costs



Most commonly used Industrial Components for Elevator/Lift Applications:

1. Electromechanical Relays (MYS)
2. Power Supply (S8VS)
3. Monitoring Relays (K8AK)
4. Photoelectric Sensors (E3FB)
5. Switches (Z Series)
6. Safety Limit Switches (D4B-N)
7. Relay with Mirrored Contacts (G7Z)



Control

Mechanical Relays

MYS series

One billion relays sold worldwide



- Proven relay in the elevator industry for over 20 yrs.
- High electrical endurance (2 pole: 500,000 ops min, 4 pole: 200,000 ops min) provides sustainable functionality for applications with high switching
- Clear plastic cover allows operator to visually inspect operation of relay, therefore taking the guess work out of the application

Solid State Relays

G3NA series

Quick and reliable switching



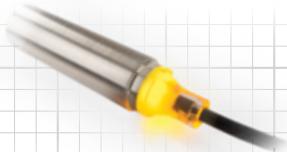
- Built in varistor prevents surges to protect output loads
- LED indicator allows for quick verification to determine if SSR is in operation mode
- Finger protection cover is included with all models to ensure workers' protection

Sensing

Proximity Sensors

E2B series

Cylindrical



- All-round-visible indicator allows operation to be seen from all angles
- Pre-wired and connector types available for installation flexibility
- Reliable performance for standard industrial environments

Photoelectric Sensors

E3FA/E3FB series

M18 Size



- High power LED allows sensors to be used in applications which contain dirt and grime build-up
- Visible LED allows for easy alignment for less set-up time
- Short body allows units to be used in applications where traditional photoelectric sensors cannot be used

Monitoring

Power Supplies

S8VK-G series

DIN Rail Mount



- Double set of DC output terminals (three for the negative) to provide easy wiring
- High efficiency (90%) to reduce energy consumption and generate less heat in the control enclosure
- Power Boost functionality (120%) provides power when start-up inrush current is above rated output current

Monitoring Relays

K8AK/K8DS series

Ultra-slim phase and voltage



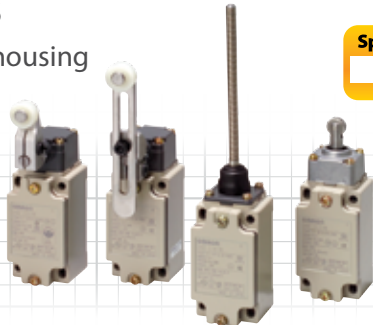
- Space saving design (K8AK: 22.5 mm & K8DS: 17.5 mm width) frees up valuable panel space for other Omron products to be used
- Use multiples as complete comprehensive system or individually allowing versatile solutions
- Solid state technology allows K8 series to be used in high vibration and high repetitive applications

Safety

Safety Limit Switches

D4B-N series

Robust with metal housing



- Rugged metal housing suitable for both safety and non-safety applications due to its direct operating mechanism
- Slow-action and snap-action contact with certified direct opening operation certification
- Equipped with a mechanism that indicates the applicable operating zone, as well as push-button switching to control left and right motion

Authorized Distributor:

Safety Controllers

G9SP series

Compact programmable



- Ideal for small to mid-size applications
- Direct connection to non-contact switches
- Easily monitored by PLC's via Ethernet (FINS), EtherNet/IP, or serial connection
- Programmable via PC or removable cassette