

UE44-3SL

Compact safety relays for applications with mechanical locking switches

SICK
Sensor Intelligence.



Technical data overview

Safety level	PL e PL d
Applications	Evaluation unit
Compatible sensor types	Safety command devices Safety switches
Sensor monitoring	Sequence monitoring Cross-circuit detection
Housing width	22.5 mm

Product description

The UE44-3SL safety relay protects doors that require a locking device. The relay sends safety signals to unlock a mechanically protected door and unlocks it after a certain amount of time (max. 30 s). If the door closes again, it will lock after a maximum time delay of 30 s, allowing the machine to safely start again. The third safety output, which works contrary to the two classical safety outputs, controls the release and the locking.

At a glance

- Ideal for the evaluation of safety switches with mechanical interlocking
- Cross-circuit detection and sequence monitoring at the dual-channel input signal
- 2 N/O contacts for a direct integration into a machine environment
- 1 N/O contact for magnetic release, time delayed up to 30 s
- Manual or automated reset
- External device monitoring (EDM)
- Coded version for all slots

Your benefits

- Complete monitoring and evaluation of sensors
- Time delay provides optimal protection of locked doors
- Adjustable time delay at the front of the device (up to 30 s) makes it easy for the user to change settings
- Fast, tool-free exchange via coded, plug-in screw-type terminals
- Combines the advantages of classic relays and easy circuitry

Fields of application

- Evaluation unit for safety switches with mechanical interlock

Ordering information

Other models and accessories ➜ www.sick.com/UE44-3SL

- **Applications:** evaluation unit
- **Compatible sensor types:** safety command devices, Safety switches
- **External device monitoring (EDM):** integrated
- **Supply voltage:** 24 V DC
- **Number of enable current contacts:** 3
- **Housing width:** 22.5 mm

On-delay time	Type	Part no.
0.15 s 3 s	UE44-3SL2D33	6024907
	UE44-3SL3D33	6024908
1.5 s 30 s	UE44-3SL2D330	6024909
	UE44-3SL3D330	6024910

SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

WORLDWIDE PRESENCE:

Contacts and other locations –www.sick.com