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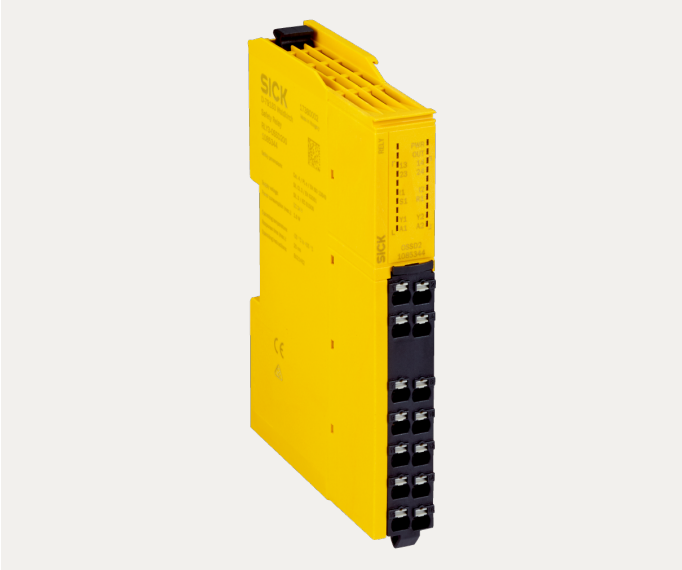


PRODUCT OVERVIEW

ReLy

Safety relays

SICK Sensor Intelligence



SAFETY RELAYS

ReLy

The safety relay for high ease of use

High ease of use, more space in the control cabinet, quicker production starts, more compact machines with shorter safety distances and reduced downtime: With the clever ReLy safety relay, you get even more out of your application. In addition to high safety with Performance Level e, ReLy is the first product in the world to offer certification in accordance with the new Machinery Regulation (EU) 2023/1230. This means you are investing not only in a high-performance product but also in long-term legal certainty. Thanks to clearly defined areas of application, selecting the right variant is simple as can be.

ReLy AT A GLANCE

BENEFITS

- Reduce commissioning work thanks to quick installation and wiring with a single front connector
- Quick module exchange thanks to the simple one-click mounting rail release
- Significant space savings in the control cabinet with a 20% thinner housing compared to the predecessor version
- Design machines more compactly and benefit from faster processes thanks to short response times and reduced safety distances
- Increase machine availability with comprehensive diagnostic options
- Long service life even in highly dynamic processes with many switching cycles

FEATURES

- Clever, user-friendly housing functions
- Thin design with construction widths from 18 mm
- Fast response times of under 10 ms (depending on the type)
- Status LEDs and diagnostic interfaces
- Variants for universal application and for safe series connection with Flexi Loop available

TECHNICAL DATA OVERVIEW

Safety level	PL e, SIL 3
Applications	Evaluation unit Output expansion module for OSSDs Evaluation unit for stop category 1 applications
Compatible sensor types	Safety sensors with potential-free outputs Two-hand controls Type III C, in accordance with EN ISO 13851 Flexi Loop safe series connection Safety sensors with OSSDs Safety sensors with test input Safety pressure mats
Enabling current paths	2 3 4 2+1
Sensor monitoring	Discrepancy monitoring Cross-circuit detection Sequence monitoring
Typical response time	10 ms 12 ms 79 ms
Configuration method	Hard wired DIP switch
Housing width	18 mm 28 mm

Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.
www.sick.com/ReLy

SICK AG
WALDKIRCH
GERMANY
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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions.

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Sensor Intelligence