

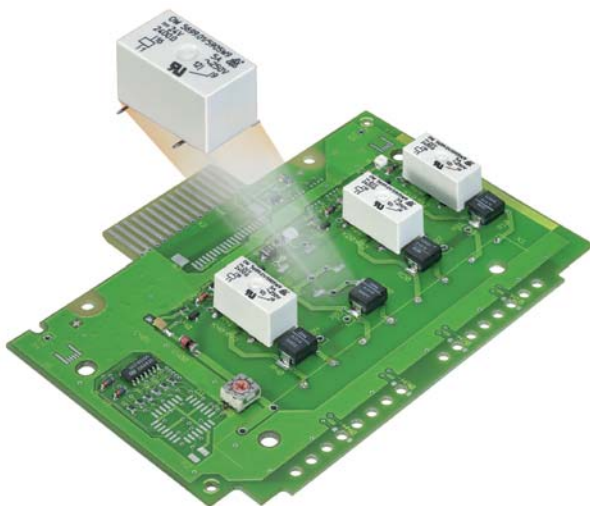
DOLD 

Highlights
Solutions for you.

DOLD -
Our experience. Your safety.

Safety relays - with forcibly guided contacts

Safety relays by DOLD are available in horizontal and vertical designs and offer up to 8 mechanical forcibly guided contacts. With a variety of construction shapes and contact materials available and, if required, also with partially assembled contact sets, we offer a high level of flexibility.

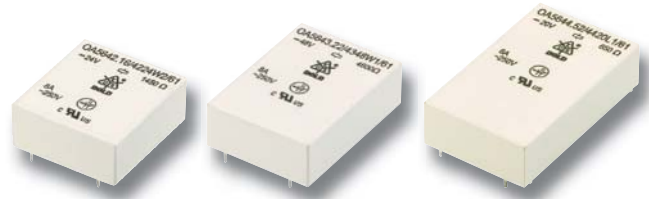


DIL relays – Compact and powerful

If you need reliably switch high current levels in a small space, and if you need a galvanic separation between your control and load circuit, you're looking for our high-performance miniature relays, which are available in both SMD and DIL designs. Our compact, powerful DIL relays impress users with a small size for switching currents up to 8 A.



The flat safety relays in series OA 5642/43/44 set new standards, with an installation height of just 10.3 mm.



Printed circuit board relays

DOLD is a leading manufacturer in the area of PCB relays, and offers the right electromechanical relays for a wide variety of application areas. The comprehensive product portfolio encompasses miniature relays, PCB relays and safety relays with forcibly guided contacts. As a specialist for relays with forcibly guided contacts, we ensure you receive quality and reliability from a single source. To fulfill the highest quality demands, we

focus on outstanding vertical integration in manufacturing, the most modern production facilities, and a combination of knowledge and experience. Our PCB relays are available in a diverse range of contact variations and designs, and guarantee the highest level of switching safety with minimal dimensions.



OB 5693

OB 5694

In latching relays, the switch position is retained even after the control voltage is turned off. Energy is thus required only briefly to change the switching position. Since latching relays consume just a fraction of the energy needed by monostable solutions, they're a preferred choice in energy efficient and battery-fed systems.

Bistable relays
– High level of energy efficiency



KS 4400 Series

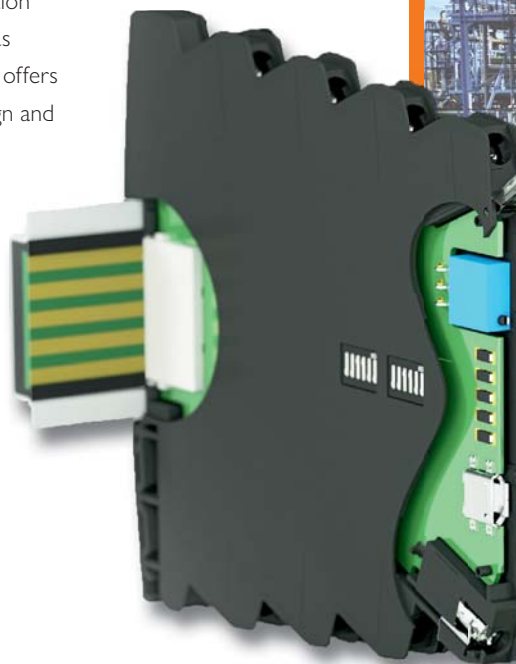
The right enclosure solution for every application. We offer a wide spectrum of DIN rail mounted enclosures in widths from 6.2 to 200 mm.

Electronic enclosures

DOLD offers a wide spectrum of various enclosure series, for installation in panels, industry switchboards, and distribution boards. This means you'll always have the right enclosure solution available for any demand or application. Do you need an electronic enclosure

exclusively designed to meet your specific requirements? We develop and manufacture customer-specific, tailor-made solutions. You can also purchase the right connection technology for any enclosure from us as well.

The compact 6.2 mm DIN rail mounted enclosure offers the highest level of functionality in the smallest possible space, and requires little effort to install in the panel. A universal enclosure system allows developers to arrange modules in connection with the DOLD DIN rail bus as needed. The unique enclosure offers the maximum number of design and labeling options.

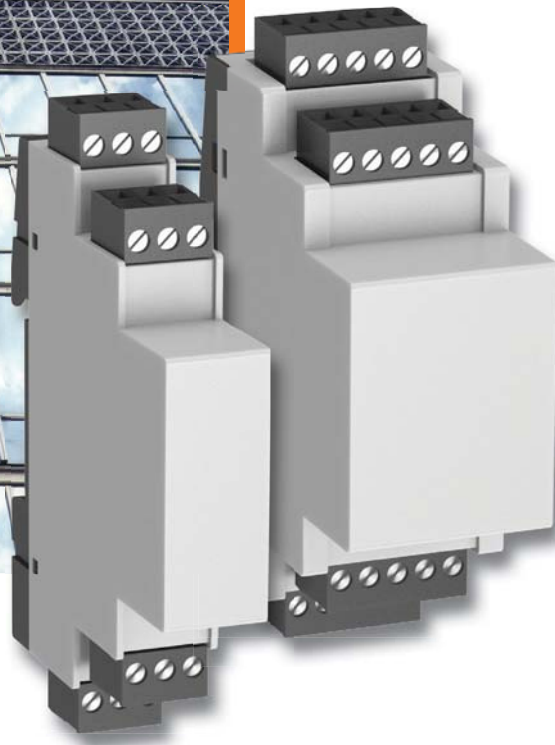


Enclosure series KS 4400
– Innovative. Modular. Flexible.



IN-RAIL-BUS – Connect, instead of wiring

The user-friendly and extremely flexible IN-RAIL-BUS System is the most elegant solution available for quickly, securely transmitting signals, data, and energy. This DIN rail bus reduces wiring work and the chance of errors during installation.



Distribution enclosure series KU 4500 – The variable enclosure system

With a new, modern design and multiple options, this enclosure series is also suited for all future-oriented applications in building automation. The wide variety of options offered, in design widths of 17.5 to 140 mm, makes it easy to respond to individual challenges.

VARIMETER IMD

– Electrical safety
for power supplies

An unplanned machine or system downtime due to insulation faults can have serious consequences. Through early recognition of such faults in ungrounded networks (IT networks), DOLD insulation monitors of the VARIMETER IMD series prevent failures in electric systems and guarantee a higher level of operational and system safety.



LK 5896

RN 5897

VARIMETER EDS

– Fault localization
during ongoing
operations



RR 5886

RR 5887

In large industrial facilities, localizing insulation faults can be both expensive and time consuming. The VARIMETER EDS insulation fault search system localizes insulation faults quickly and safely in complex, ungrounded AC/DC networks.

Custom-tailored measuring and monitoring solutions. from DOLD



Electrical Safety Solutions

DOLD offers a comprehensive selection of measuring and monitoring relays for your unique needs. The devices detect and provide early notification if critical limits of electrical variables such as current, voltage, power, insulation resistance, et cetera are violated. This allows dangers to people and machinery to be reliably avoided. In addition, the availability of your machines

and systems will be increased and production outages will be minimized. DOLD's portfolio ranges from standard devices for the monitoring of individual variables to multifunctional devices to flexible error message systems.



RN 5883

In grounded networks, DOLD differential current monitors of the VARIMETER RCM series ensure reliable residual current monitoring. The differential current sensors can be used universally, as they can detect both direct and alternating current.

ND 5015/070

VARIMETER RCM

– Signalling instead of shutdown



With softstarters by DOLD, you'll have an intelligent, reliable, and user-friendly motor start and motor management system.

Smart Drive Solutions

Demanding drive tasks call for high-performance and flexible device solutions. High-performing electronics by DOLD include a wide range of products such as solid state contactors, motor starters, soft start and braking devices, as well as reversing contactors, speed controllers, and multifunctional motor control devices.

3-phase controlled soft starter device with integrated monitoring function for soft starting motors. With just 67.5 mm width, the intelligent motor controller offers soft starting, motor protection, start-up current limiting, voltage and phase sequence monitoring in a single device.



PF 9029



MINISTART

– Powerful soft-starter device



PI 9260



POWERSWITCH

– Intelligent control and monitoring

Semiconductor contactors from DOLD have a long service life and are used everywhere that high switching frequencies and switching cycle are required.



UG 9410



UG 9256



MINISTART

– Smart motorstarter

The smart, hybrid motorstarter offers up to 6 functions in a compact enclosure with just 22.5 mm width. It combines the functions of reversing, soft starting, soft run-down, and protection of 3-phase motors up to 4 kW in a single device.

SAFEMASTER S

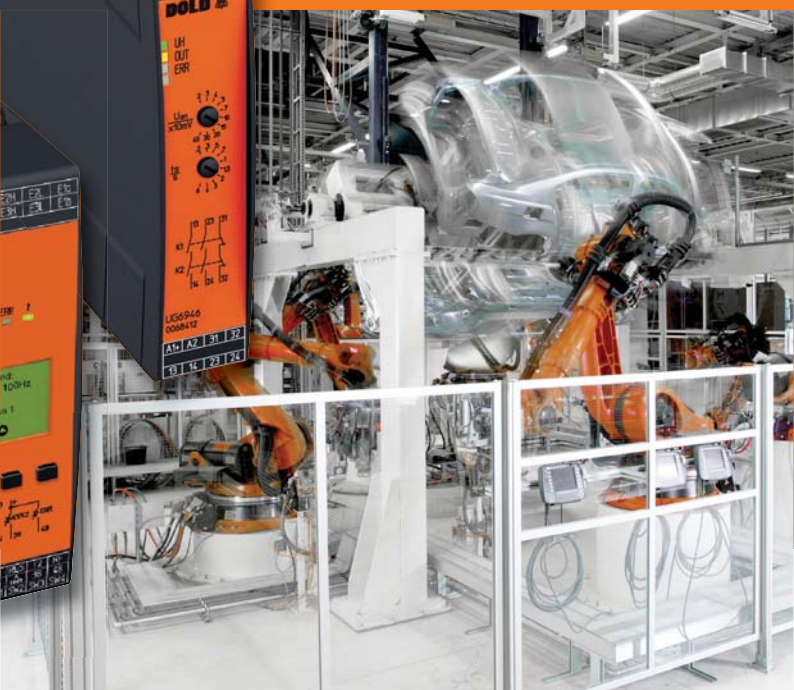
– Safe drive monitoring

The new speed monitors of the SAFEMASTER S series recognize and signal downtimes and machine and system speeds in both automatic and set-up modes. With these devices, DOLD is offering efficient, economical solutions for safe monitoring drives without sensors and for monitoring speed using initiators.



UG 6946

UH 6937



UF 6925

SAFEMASTER

– Safety relay modules from 17.5 mm

The only 17.5 mm wide emergency stop module monitors safety functions such as emergency stop or safety door safety and simply in nearly every application and is characterised by maximum safety for man and machine with minimum space requirement. It allows time-saving wiring through the integrated front-side Push-In cage clamp terminals.



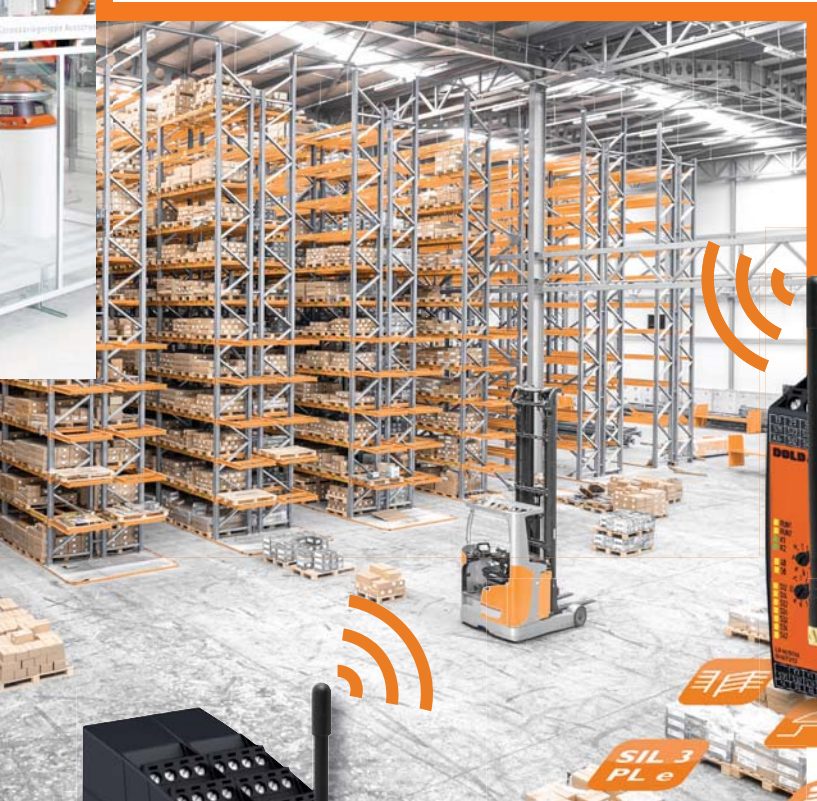
The modular and configurable safety system SAFEMASTER PRO monitors all safety circuits of your machines and installations – in a simple, flexible and safe manner.



Functional Safety Solutions

Safety relay modules of the SAFEMASTER family monitor a variety of safety functions such as emergency-stop, two-hand controls, safety mats, and light barriers. From monofunctional safety switching devices to multifunctional modular safety system with field bus connection, all products serve a single purpose: the uncompromising protection of people and machinery. Manufacturers and operators of

machines and systems are faced with the challenge of developing and/or operating safety-oriented switching devices that must meet numerous regulations. DOLD supports its customers with type-tested safety relay devices for safety applications up to Cat. 4 / PL e and SIL 3, with which you can implement solutions optimized for functionality and cost.



The radio controlled safety module of the SAFEMASTER W series for the safety-oriented transmission of e-stop and control functions offers more flexibility in the protection of hazardous areas. By implementing the latest radio controlled technologies, a high degree of availability and safety is achieved. Safety zones can be connected wirelessly to each other over a considerable distance.



UH 6900



UH 6900

SAFEMASTER W

– Radio controlled safety system



SAFEMASTER STS combines the advantages of safety switches, guard locks, key transfer and command functions in a single system. The new fibre reinforced polymer (FRP) variant will convince you by its ambitious design and it offers the

possibility to be combined with the established stainless steel components. You can easily select the FRP variant for the control panel while you prefer using the very robust stainless steel version in rough environmental conditions.

SAFEMASTER STS – Modular safety switch and key transfer system

SAFEMASTER STS is tested and approved according to statutory requirements, and as an individual system is suitable for use in safety applications up to Cat. 4 / PL e in accordance with EN ISO 13849-1.



DOLD 

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