

Our experience. Your safety.

SAFEMASTER - The right solution for every application.



SAFEMASTER STS

The SAFEMASTER STS modular safety switch and key transfer system serves to monitor moveable safety guards. It combines the advantages of safety switches, guard locks, key transfer and command functions in a single system. The new FRP variation stands out for its attractive design, and can be combined with our trusted stainless steel version.



SAFEMASTER S

Our solutions for secure drive monitoring utilise a combination of safe speed, standstill, or frequency monitoring, with or without external sensors, to increase productivity and safety.



SAFEMASTER PRO

The modular and configurable SAFEMASTER PRO safety system monitors all safety circuits of your machinery and installations – in a simple, flexible and safe manner. The number of inputs and outputs of the central control unit can be upgraded via extension modules at any time. Now also featuring safe speed monitoring and dynamic program realization.



SAFEMASTER W

With the wireless safety solutions for emergency stop, enabling switch as well as pair and group operation of the SAFEMASTER W series, hazardous movements can be switched off wirelessly. The Wireless Safety Systems thus ensure maximum mobility for operating and maintenance personnel.

Innovative safety concepts

As a solution provider for safe automation and electrical safety, DOLD offers a comprehensive product portfolio from a single source. Our SAFEMASTER solutions have been successfully used for many decades around the world.

From single function safety switching devices for simple safety applications through to multifunction, modular safety systems, DOLD develops tailor-made solutions for your industry and applications.

We would be happy to provide you with information about further safety solutions.



SAFEMASTER

Enabling / control unit
RE 6909

Safe and ergonomic



DOLD 

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Wired enabling / control unit with emergency stop and expandable functions

Machinery and plant are subject to specific situations and operating modes in which work must be carried out in the danger zone. Usually for maintenance, servicing, commissioning or setup. In order to be able to work safely in these situations of increased risk, additional safety measures are required.

The enabling / control unit RE 6909 of the SAFEMASTER series from DOLD is the right choice for these applications. In setup mode, the operator has the option of bridging certain safety devices such as a safety gate, by selecting the required operating mode. The three-step enabling switch function is an important feature here, in the middle position the enabling device releases the use of certain dangerous movements in conjunction with additional machine control safety precautions. If the operator releases the device switch or pulls it through, the safety control system switches off in safe manner. The ergonomic design of the RE 6909 ensures effortless operation and its modular design allows for several additional functions, such as a stop command device, key switch and further function buttons. The robust hand-held pendant complies with IP65 requirements for use in rough environmental conditions.

With this new enabling / command unit we are expanding on our product range of wireless safety enabling switches for the safety-related transmission of emergency stop and control functions, with a low-cost cable linked version.

Product range enabling units



The entire spectrum of enabling and command units, with wired or wireless operation via radio transmission on www.dold.com.

Key switch

Additional integration of a key switch i.e. for selection of setup mode.

Expandable function buttons

A wide range of expansion options with up to four buttons, which turn the enabling switch into a small multifunction command unit.

Ergonomic design

The smart ergonomic design enables effortless operation, which is equally suitable for both left- and right-handed users and it can be operated with a gloved hands.

Emergency-stop button

Optional emergency-stop button gives the enabling switch extra functionality and safety.

Start button

Ergonomically located button for frequently used functions such as release of the enabling switch.

Enabling switch

The 3-step enabling switch ensures optimum safety during operation in the danger zone. Only when in the mid position, the enabling device allows certain dangerous movements together with additional safety precautions.

Customer benefits:

- ▶ Safe working in hazardous areas
- ▶ Ergonomic design and effortless operation
- ▶ Versatile, expandable and usable
- ▶ Safety during setup, operation or maintenance of machinery and plant

Highlights:

- ▶ Modular design
- ▶ 3-step enabling switch
- ▶ Integrated emergency-stop button
- ▶ Versatile command functions
- ▶ Additional function buttons can be added for control functions
- ▶ Robust IP 65 enclosure
- ▶ Universal mounting

Connection / Cable

The enabling / command unit is supplied as standard with a 5 metre long cable. Further cables lengths and types on request.