



SAFEMASTER STS

Command functions

Guard lock with integrated
command and indication functions.



DOLD 
Our experience. Your safety.

Guard lock with integrated command and indication functions

The SAFEMASTER STS series safety switch with guard lock offers the possibility of integrating up to three command and indication functions. This allows control signals such as emergency stop or acknowledgement of the safety door to be triggered directly at the entrances of machines and plant access points. In addition emergency stop buttons, illuminated buttons, pushbuttons or selector switches are also available. The safety switch with guard lock is also available with auxiliary and emergency release as well as coded actuators.

Due to its very slim design, the robust and attractive fibre reinforced polymer (FRP) enclosure can be mounted directly on safety fences to save space. The optional M23 plug connectors ensure fast set-up and reduce the wiring effort to a minimum.

Modular and expandable

The modularity makes it possible to build several units into one system or to adapt and extend existing systems as required. Modules can be mounted in 4 positions, rotated through 90°.

Maximum space saving

The integration of command and indication functions in the guard lock unit enables maximum space saving and a reduced overall height.

Selectable command devices

Up to 3 selectable command devices allow for starting and stopping of safety-related functions as well as the assignment as status indicators. Emergency stop buttons, illuminated buttons, pushbuttons or selector switches are available as command device options.

Reliable fibre reinforced polymer design

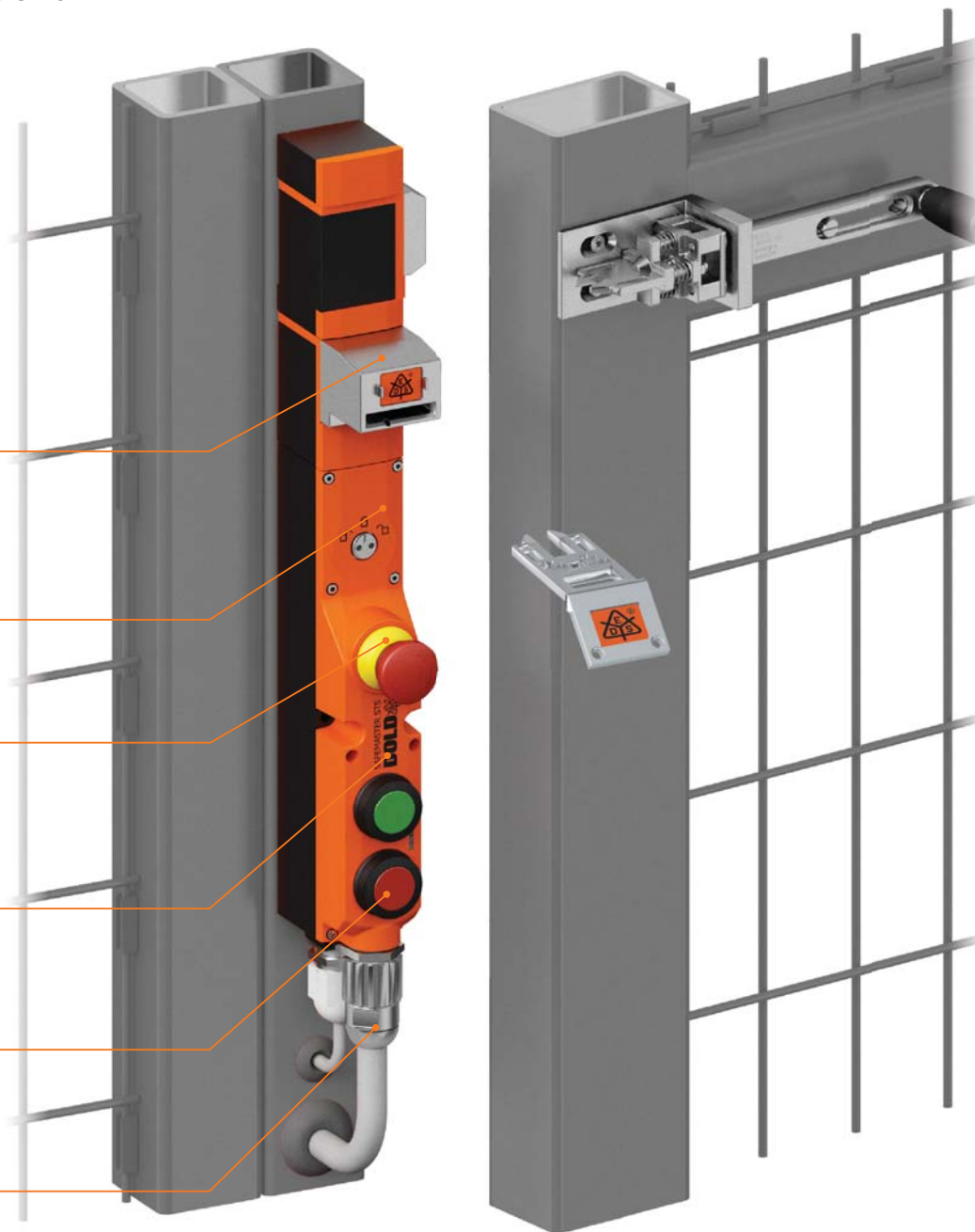
The FRP version is characterised by a sophisticated design, a high level of signal integration and simple handling and offers versatile application possibilities due to the robust combination of stainless steel and fibre reinforced polymer.

Flexible colour panel adaptation

The colours of the illuminated buttons can be individually adapted / changed as alternative. Colour panels and symbol signs for the illuminated pushbuttons are available as accessories.

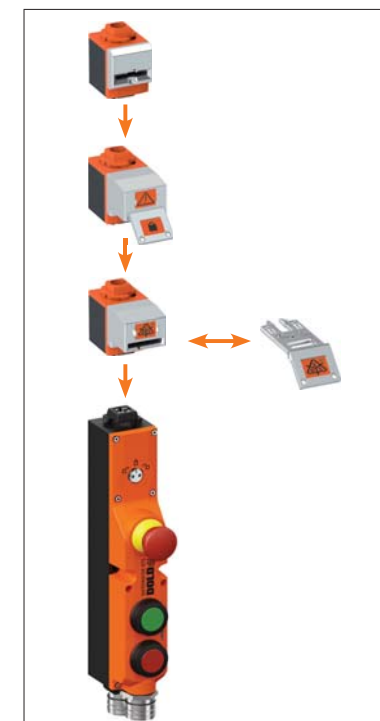
Plug connectors with cable (options)

Pre assembled cables with different lengths allow quick and easy connection. Plug connector options are also available.



Advantages and customer benefits at a glance:

- ▶ **Integral:** Simple incorporation of command functions and indication functions
- ▶ **Space-saving:** Direct installation on the safety fence due to narrow design of only 40 mm and compact height
- ▶ **Adaptable:** Individually adaptable to suite your application, retrospectively expandable
- ▶ **Codable:** Actuators and actuator modules can be coded. This function can also be retrofitted.
- ▶ **Flexibility:** Large selection of different controls, such as emergency stop buttons, illuminated buttons, pushbuttons and selector switches
- ▶ **Connection:** Fast, wiring-free set-up through optional M23 round plug connectors for 12- and 19-pin versions
- ▶ **High degree of safety:** Personnel and system protection up to the highest safety category 4 / PL e
- ▶ **Time saving:** Reduced installation and wiring time due to integrated operating elements and wireless protection of additional safety doors



Simply combined

A large number of different locking units can be assembled with just a few individual components. A wide range of accessories facilitates simple installation.

Our experience. Your safety.

SAFEMASTER - The right solution for every application.

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 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

The Wireless Safety Solutions radio-controlled e-stop, enabling switch as well as pair and group mode of the SAFEMASTER W series can be used to wirelessly switch off dangerous movements in a fraction of a second. The Wireless Safety System ensures maximum mobility for operating and maintenance personnel.



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