

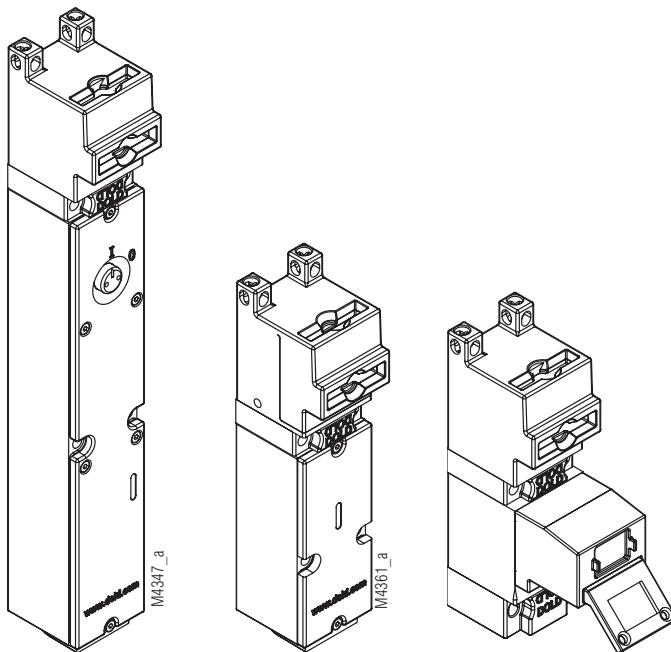
STS-System Benefits

- EU-Test certificate according to the directive 2006/42/EG, annex IX
- For safety applications up to PLe/Category 4 according to EN/ISO 13849-1
- Modular and expandable system
- Rugged stainless steel design
- Wireless mechanical safeguarding
- Combines the benefits of safety switch, locking module and key transfer in a single system
- Easy installation through comprehensive accessories
- Protection against lock-in
- Coding level low, medium, high according to DIN EN ISO 14119:2014-03

Features STS-A

- Actuator module 2 insertion openings
- Specifically suited for actuator insertion from the top
- Module expansions possible below the module
- Choice of direction in 4 increments of 90°

Installation Examples



STS-ZRHA

STS-SXA

STS-M10A

Approvals and Marking



Application

The actuator module STS-A is built together with other modules into a STS-unit and used in connection with an actuator. The STS-A actuator module is then always the top part of the STS unit and connected with the stationary part of a separating guard while the actuator is mounted on the movable part of a separating guard.

The STS-A actuator module can accommodate the actuator from the front or the top. It can be installed in 4 positions on the STS unit, each turned at 90 degrees.

ATTENTION!



Function modules can be installed only from below the STS-A actuator module.

Design and Operation

The extremely robust and flexible actuator module STS-A ensures safe access, for instance, to a guard or protective door.

The function of the actuator module is ensured only in combination with additional function modules, e.g. switch, door lock and/or key modules. The function modules can only be installed below the actuator module.

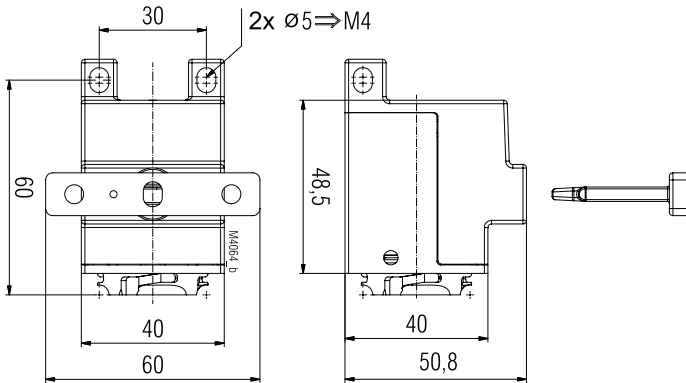
These functions are used in the protection of separating guards. It must be ensured then that hazardous movements when opening the movable part of the guard will be stopped.

The actuator module A can transfer the release or locking of a protective door or hood mechanically. A door, for example, can thus be opened or kept closed.

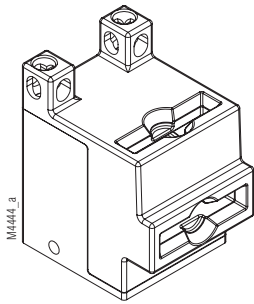
Technical Data

Enclosure: Stainless steel V4A / AISI 316
Ambient temperature: - 40°C bis + 100°C
Application: only as part of a unit of the SAFEMASTER STS series
Coding level low according to DIN EN ISO 14119:2014-03

Dimensional Drawing [mm]



Actuator module STS-A with standard actuator STS-T and closing plate



Variants and Accessories

Since with the actuator module STS-A an actuator slot always remains open when an actuator is introduced, dirt may enter into the module. In order to prevent this, a separate closing plate is available which can be fastened in the open actuator slot like an anchor.

Ordering Designation

STS A actuator module
Article number: 0061872

Closing plate
Article number: 0064619