

IDEM MLZ LOCKABLE SWITCH ACCESSORIES

140108

Flat Actuator (KP, KM, KLP, KLM)

- Handles
- Cables
- Emergency Opening Button



PRODUCT DESCRIPTION

IDEM's stainless-steel gate bolts for MLZ lockable interlock switches, are engineered to deliver robust mechanical engagement with high holding forces of up to 10,000 N ($F_{1,max}$). Crafted from 316 stainless steel and designed for hygienic environments, they resist corrosion and withstand frequent cleaning, making them ideal for food, pharmaceutical, and clean-room applications. These bolts mount easily to hinged or sliding guards using just four M6 fasteners, without requiring additional brackets, and come complete with integrated handles and actuator plates for precise alignment and tamper resistance. For doors or covers requiring escape capability, the rear escape handle (211005) provides emergency egress, ensuring compliance with safety regulations.

These gate bolts enhance the performance of MLZ-series RFID solenoid interlocks by providing a sturdy physical barrier that securely holds guards in place whenever the solenoid is energised. This combination ensures that safety-rated access control (SIL 3/PLe) is maintained while the system is active. When the guard is opened or power is removed, the gate bolt disengages, allowing for safe egress or maintenance access. The hygienic stainless-steel construction and IP67/IP69K compatibility support high-pressure washdowns and chemical cleaning routines, making them especially suited for industries with stringent hygiene and safety standards, such as food processing, beverage filling, or pharmaceutical manufacturing. The modular design also allows retrofitting existing MLZ interlocks with gate bolts or escape handles, offering flexibility and improved compliance in various automated safety systems.