Data sheet

SECURITY
MADE IN GERMANY
SINCE 1883

12V door opener for HSL/SL bolt lock

Article No.: SB 312

The electric strike latch with lock bolt catcher holds the rigid lock bolt in place when the door is closed. When the electric strike coil is energised, the electric strike latch is movable and the door is released.

Properties

- Heavy-duty version
- For bolt size 65 x 18 mm
- Can be used as a right-hand and left-hand version
- 12 V AC / DC

Functional description

The electric strike latch with lock bolt catcher holds the lock bolt in place when the door is closed. While the electric strike coil is energised, the electric strike latch is movable and the door is released. When the door is opened, the electric strike latch is turned open by the lock bolt and remains in this state. When the door is closed again, the advanced lock bolt turns the lock bolt catch with the electric strike latch back into the locked position. If the safety pin is actuated sufficiently, the electric strike locks and the door is secured again. The safety pin ensures that the electric strike does not lock when the electric strike latch is turned back manually. The door can only be opened when contact is made (electric strike energised). In the event of a power failure, the door remains locked. It can then only be opened by manually unlocking the bolt lock using the locking cylinder or key. Function of the status feedback The RR AK RR model provides two messages about its functional status: The changeover-controlled feedback contact (RR) signals the door status "open" or "closed" with a potential-free changeover contact. The microswitch is controlled by the change in the electric strike. The "locked" signal is only issued when the latch of the bolt lock strike is brought into the locked position by the lock bolt and the safety pin is sufficiently inserted by the lock bolt. (The armature switching contact (AK RR) signals the locking status of the electric strike with a potential-free changeover contact. This signalling contact is controlled directly by the armature of the electric strike. In AC operation of the electric strike coil, the armature is set in oscillation by the changing magnetic field at the moment of unlocking, which also affects the armature contact. This behaviour must be taken into account when designing the monitoring circuit. The armature switching contact (AK RR) signals the locking status of the electric strike with a potential-free changeover contact. This signalling contact is controlled directly by the armature of the electric strike. In AC operation of the electric strike coil, the armature is set in oscillation by the changing magnetic field at the moment of unlocking, which also affects the armature contact. This behaviour must be taken into account when designing the monitoring circuit.