

# Assa 810S / 811S-50 (70)

Fast motorlock with hookbolt.



**Hookbolt for increased burglary resistance.**  
The most significant advantage with a hookbolt is that door and frame are interconnected.

## Application

Assa 810S / 811S-50(70) are motorized hookbolt locks that fits Assa modular door preparation. Motor locks are used in doors with high security requirements and in doors where automatic locking is required. A hookbolt lock can be used in all types of doors including double- and sliding doors.

810S-50(70) with latchbolt is approved for installation in fire protective doors.

Doors with high opening frequency should include complementary day-time lock e.g. electric strike or solenoid lock

## Function

The hookbolt is operated by the built-in motor  
Cylinder or thumb turn will provide mechanical override in case of powerloss or other malfunction.

Every Assa motor lock require one control unit, DAC-30.

## Features

- Opening time less than  $\frac{1}{3}$  sec.
- Built-in DMS (door monitoring switch) which can be replaced or complemented with an external one
- Buzzer output, activated when faults occur.

DAC-30 is the control unit and interface towards superior system (e.g. access control or alarm system)

The control unit DAC-30:

- Provides encrypted communication between control unit and motor lock.
- Require control signals from superior system to operate the motor lock
- Supply superior system with information about lock and door status
- Is connected to power supply
- Should be installed on the protected side and within 50m from the door.

**ASSA**<sup>®</sup>

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### Technical data

- Voltage 24VAC/DC +/- 15%
- Current Idle 150mA Max 400mA (0,1 sec)
- Relays Changeover NO/NC, rated 1A
- Connecting cable Assa EA215 6m, max. distance between control unit and motor lock 50m.
- Max. gap between motor lock forend and strike 6mm.

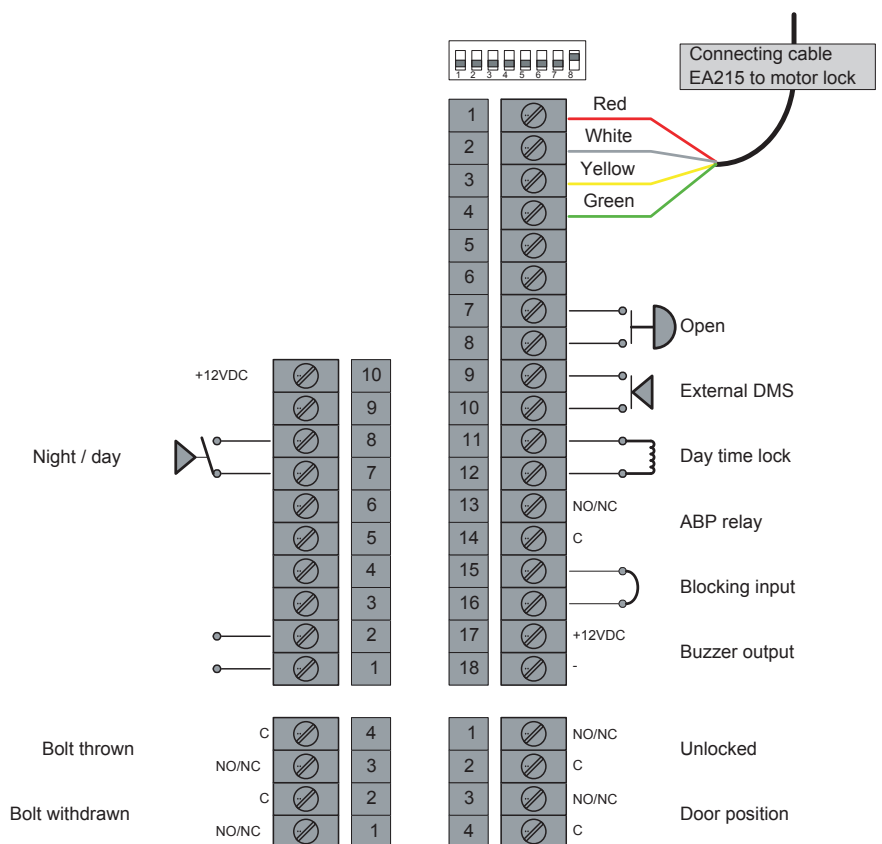
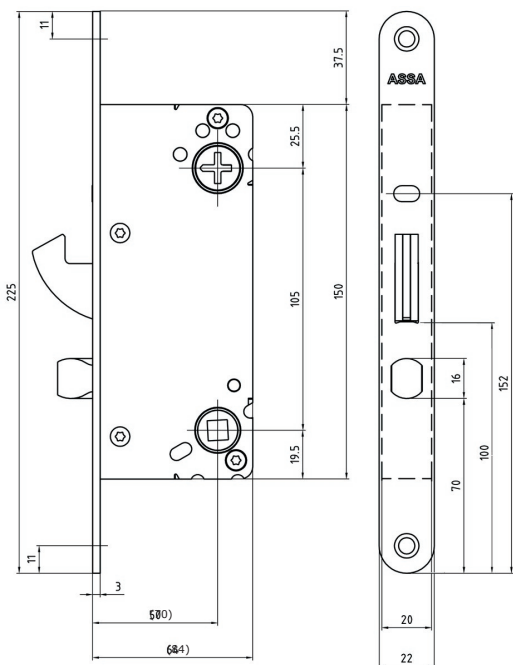
### Environmental requirements

- Motor lock: Temp -40°C - +70°C
- Control unit: Temp +5°C - +40°C, 20-90% relative humidity, non-condensating

### Accessories

- Assa Scandinavian cylinders oval or round type.
- Assa bolt through lever handles.
- All Assa Evolution security strike plates.
- Connecting cable EA215.
- Door loop 8810 / 8811.

### Sketch:



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