

ASSA ABLOY motor lock 815C-50

ASSA ABLOY
Opening Solutions

Electromechanical lock case with deadlatch



The ASSA ABLOY handle controlled motor locks are part of a family of multi-functional motor locks with two main types and five variants: **The 815C-50 features an electronically controlled deadlatch with an adjustable split spindle for electronic entry and mechanical exit, it is certified according to EN179 which allows installation in escape routes.**

Applications

ASSA ABLOY motor locks are designed for use on doors in high traffic areas and are compatible with ASSA Modular or Connect mortises. Suitable as a daytime lock for perimeter security and as an internal lock for retail, office and industrial premises, or entrances and common areas in apartment buildings. ASSA ABLOY motor locks are approved for installation in E/EI 120 fire doors.

Operation

The handle can be electronically activated from the outside, and mechanically controlled from the inside to open the door.

The handle on the outside is activated electronically by a signal from the access control system, code lock or similar system.

The handle on the inside is mechanically engaged so no push button needs to be connected. Lock function can be adjusted for right/left, in/out.

- Electronically controlled outside, mechanically connected.

The ASSA ABLOY motor locks are digital locks based on our Hi-O CAN bus technology. Hi-O means that the units have a built-in microcomputer and communicate with each other for plug-and-play installation, synchronization of door operation, monitoring of behaviour and for sending diagnostic information.

A Hi-O unit can be connected to a Hi-O bus via the DAC 530/564, or to an analogue system via the I/O BOX 350. The I/O BOX 350 allows the installation of a digital Hi-O lock in an analogue relay controlled system.

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Features

- Dead latched handle
- The lock can always be opened with a key/thumb turn
- Certified according to EN 14846:2008 - 3X8FOL113
- Fire safe E/EI 120
- Certified according to SSF 3522-1093, class 1 and EN 179, combined with ASSA ABLOY emergency exit hardware 179J.
- The re-entry function can be activated via I/O BOX 350 with a signal from an evacuation/fire alarm
- Multifunctional
 - Simple to reverse fail locked/fail unlocked operation
 - Simple to reverse the electronically/mechanically operated side
 - Reversible latches
 - Multi-voltage 12–24 V
- Status indication on the Hi-O bus and via relay on I/O BOX 350
 - Dead latching – Door forced
 - Inside handle – Door status indication
 - Error

Connection

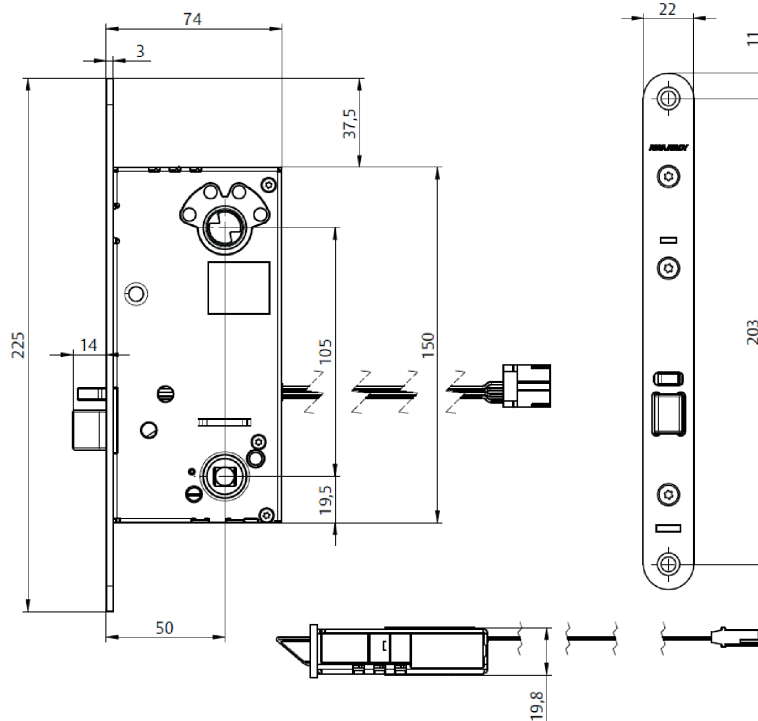
Connection to the Hi-O bus is carried out using four cables, two for power, two for communication. For installation use EA226 (10 m) cable with ready-mounted connectors. The cable can be connected to any location on the Hi-O bus.



Power consumption

Standby: 1 W
 Handle engagement: 2.64 W under one cycle of 0.08 second
 Auto hook: 5.04 W under one cycle of 0.25 second

Watt / Voltage = Current
 $I = P / U$ Current = Wattage / Voltage



Lock	Dead latching	Hook bolt	Split spindle	Fixed spindle	Auto hook
815C-50	Yes	No	Yes - adjustable	No	No