ASSA ABLOY motor lock 813C-50

Electromechanical lock case with deadlatch

ASSA ABLOY
Opening Solutions

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 813C-50 features an electronically controlled deadlatch for entry and exit.**

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 inside and outside to open the door.

- The handle on the inside and outside is activated electronically by signal from a access control, code lock or similar system; alternatively the inside handle can be activated by a request to open button. The lock can be adjusted for right/left hung doors.
  - Electrically controlled inside and outside (fixed spindle).

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.

ASSA ABLOY motor lock 813C-50

Electromechanical lock case with deadlatch

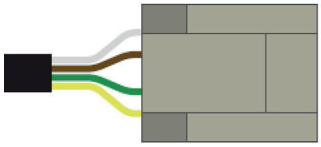
ASSA ABLOY
Opening Solutions

Features

- Dead latched handle
- The lock can always be opened with a key thumb turn
- Certified according to EN 14846:2008 - 3X8F0L113
- Fire safe E/EI 120
- Certified according to SSF 3522-1093, class 1
- Multifunctional
  - Simple to reverse fail locked/fail unlocked operation
  - Reversible latches
  - Multi-voltage 12–24 V
- Status indication on the Hi-O bus and via relay on I/O BOX 350
  - Dead latching
  - Error
  - Door forced
  - Door status indication

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.

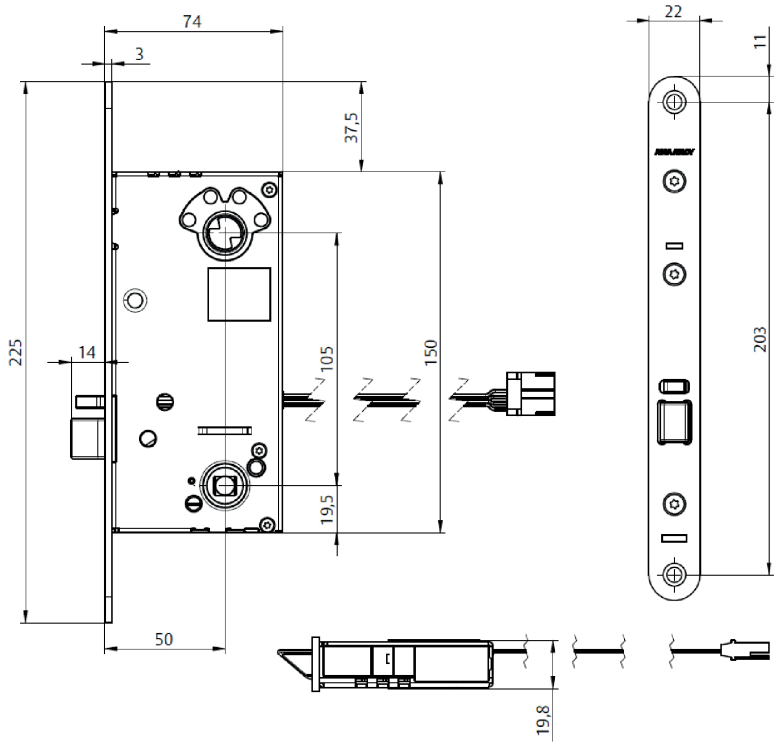


White	CAN high
Brown	CAN low
Green	+12-24 VDC stab
Yellow	0 VDC

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
813C-50	Yes	No	No	Yes	No

ASSA ABLOY Opening Solutions UK & Ireland
Door Hardware Group
School Street
Willenhall
West Midlands
WV13 3PW

+44 (0)845 223 2124
csdcomm@assaabloy.com

UKWBDRAFT02