LCU9016III

ASSA®
ASSA ABLOY

SBSC
APPROVED PRODUCT

LCU9016III basic model for access control

The LCU9016III is a controller for the ASSA ARX system that connects directly to an existing TCP/IP network. The LCU9016III uses a dynamic IP address, communicates using the SSL/TLS protocol, and automatically switches to customer-specific crypto keys in connection with installation. The controller has room for up to 16 door environments. The controller has the capacity for over 100,000 cards and an essentially unlimited number of schedules, calendars, day types, etc. More than 30,000 log events can be saved locally before they need to be transferred to the ASSA ARX server. The controller works autonomously, which means it can work even if the network is down or the server is not running. The software is stored on a flash memory and can be updated from the ASSA ARX server.

The basic version of the LCU9016III is equipped with a loop board for connection of 4 DAC, PCR or DBL units (PCR and DBL are not approved alarm units). The controller can easily be expanded with up to 3 more loop boards. The LCU9016III also has a separate log event file for alarm-related events. If you wish to tamper-proof an external system, you can install a tamper card or a relay tamper card for the LCU9016III. (See the separate product information sheets).

LCU9016III for approved alarm management (class 3/4)

To use the alarm function in the ARX system, install an LCU9016III with ARX alarm components 9016III MIO-Slave or 9016III MIO6-6 and LCUIII-BS01 (for alarm class 3/4). The 9016III MIO6-6 card lets you connect slave controllers, control panels or alarm units to the LCU9016III via an ASSA SIO bus. An LCU9016III with master card 9016III MIO6-6 installed can support six alarm sections. Add an alarm interface (LIF01) to transfer alarms in text form to an alarm transmitter using the SIA protocol. For more sections and alarm areas, connect an LCU9016III with an MIO-Slave, SIO units and if necessary an ASSA Pando Display (as MAP) via the SIO bus. Up to 16 SIO (Secure Input/Output) units can be connected locally to a 9016III controller. An ASSA Pando Display connected to a DAC serves as both MAP and card reader.

An ASSA SIO bus is an AES 128-bit encrypted bus unique to the alarm system.

Data

- Supply voltage 17–40 V DC
- Program memory 16 Mb
- Current consumption 100mA
- Data memory 16 Mb
- Weight 3.0 kg
- Temperature range -10 °C to +40 °C
- Relative humidity 20–70%
- Relay system output
- 2 USB connections
- Alarm approval: SSF 1014, edition 4 Alarm class 3/4. Alarm class 3/4 requires drill protection LCUIII-BS01
- SBSC certificate 16-130
- For alarm approval, you must have an LCU9016III in version H or later
- Complies with EN 50131-3:2009, Security grade 4, and EN 50130-5:2011, environmental class II

Article number

LCU9016III	S559 016 3164	E58 703 94

Accessories for 9016III without alarm approval

4014LC	S554 014 184	E58 760 23
Relay tamper card	S559 017 5160	E58 705 31
Tamper switch	S559 017 4160	E58 705 30

Accessories for 9016III with alarm approval

9016III MIO6-6	S559 016 4160	E58 703 46
9016III MIO-Slave	S559 016 5162	E58 703 47
LCUIII-BS01	S559 010 1131	E58 703 88

CE CE controlled and approved

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