Elevator Control Unit (ECU)
Overview

dormakaba offers an elevator control unit (ECU) and a multi-channel elevator control unit (MCECU). The standard elevator control unit uses a single relay that will control access to certain floors.

The MCECU's most distinctive feature is that it enables up to 12 pass levels (secure stops), while a standard RCU and ECU can only be programmed to permit a single pass level. The MCECU card reader can be installed on each elevator and is connected to a box containing a processor circuit with up to 12 relays on it.

When a card having one or more pass levels on it is read, the appropriate relay(s) will switch to allow recognition of the floor buttons that each one controls.

All this translates into greater access control. Keycards can be encoded to grant access to only one of the controlled floors, all the controlled floors, or any combination in between the 12 passes.

Multi-Floor Controller (MFC)

The Saflok Multi-Floor Controller (MFC) is elevator control hardware connected to the hotel network. The device is designed to operate with either online or stand-alone elevator control units (ECU). It provides access control and secure stops for multiple floors and functions with RFID contactless lock models and System 6000. When installed as an online solution, the MFC provides flexible access control on the fly. RFID ECU can be controlled up to 1200 feet (350m) away when using the MFC system.

Expanded Pass Option

For properties that require more than the standard 12-pass levels (secure stops) with the MCECU, the expanded pass option is expandable up to 256 new elevator pass levels for a given site. Each new MCECU panel has 16 pass options, and multiple panels that can be used together. This feature is available with the Quantum™ RFID ECU only.