Access Control Systems

MKL3 Integrated Access Control System

The MKL3 badge reader system can also be interfaced with FMZ5 control panels via a serial line. MKL3 systems normally work autonomously, controlling and exchanging access authorisation data with peripheral badge readers in accordance with zone, ID code, and time band programs. Daily, weekly, and monthly personnel timekeeping data is also normally processed autonomously. On the other hand information of primary importance to the integrated building security system, such as information on unauthorised access activity, controlled access line tampering and malfunctions, and auxiliary line alarms is transmitted instantly from the MKL3 badge reader system to the main FMZ5 control panel over the serial line. The MKL3 badge reader control panel can also use the serial line or the auxiliary outputs of the badge reader peripherals to switch the functioning mode of the FMZ5 control panel, sections of it, or individual lines. This may be necessary, for example, to automatically activate and deactivate volumetric type alarm sensors on the days or in the time bands in which authorised personnel are present in the areas controlled by those sensors. The readers can be equipped as required with magnetic strip heads, chip contact heads and proximity heads. A mixed configuration of different reading head types is also possible, to reduce costs in larger installations. The system software is foreseen for operations in a multiuser multitasking environment with access control and flexi time evaluation functions.

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