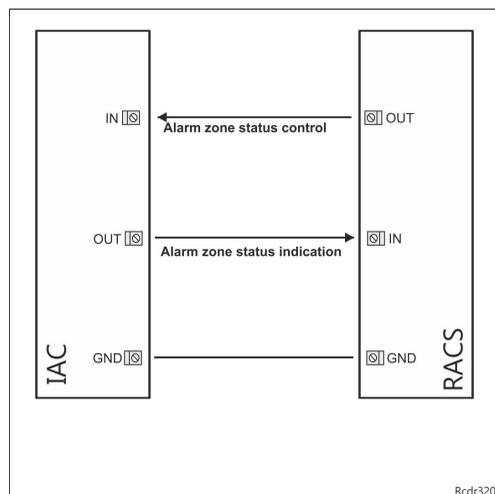


The MC16-IAC alarm zone controller is a variation of the standard MC16 access controller, which has been depleted with functions related to handling of door access. The MC16-IAC controller is designed to control the state of alarm zones in the building and to present their current status. Alarm zones can be controlled from the terminals by using an identifier or a command issued from the keyboard as well as from the input lines. Presentation of the zone status can be performed on LED indicators located on terminals and controller outputs. The current state of the zones can be presented on an ongoing basis in the system management program, which also enables the control of the zone status. Integration with the alarm control panel can be implemented in two ways. Both methods require 2 wired connection between MC16-IAC controller and the alarm control panel for each controlled zone. In the first scenario, the MC16-IAC controller forces changing the state of the alarm zone by providing a dual state (latch) signal to input line of the control panel. In the second scenario, the MC16-IAC

controller requests change of an alarm zone status by providing a momentary signal (pulse) to the control panel input, which if other circumstances allow (e.g. ready status), overrides the zone. In both scenarios, the control panel indicates the alarm zone status on the output line connected to input of the MC16-IAC configured to control zone status indication. The MC16-IAC controller uses the same electronic module as the MC16 access controller and offers the same hardware expansion capabilities including external expanders and readers. Depending on the version, the MC16-IAC controller allows control of up to 16 alarm zones. Events related to the control of alarm zones are recorded in the RACS 5 database. The MC16-IAC is utilized in these systems where there is a need for alarm system control by hardware and methods available in RACS 5 system but without door access control. If the system has to provide both functionalities (i.e. control of door access and alarm zones) the MC16-PAC series controllers are used.



Integration concept with intruder alarm system (IAC)

Versions of MC16-IAC Controller				
Parameter	MC16-IAC-2	MC16-IAC-4	MC16-IAC-8	MC16-IAC-16
Access Doors	0	0	0	0
Access Points	4	8	16	32
Access Terminals	8	16	32	64
Access Zones	0	0	0	0
Alarm Zones	2	4	8	16
Automation Nodes	2	4	8	16
Control Commands	4	8	16	32
Inputs	16	32	64	128
Outputs	16	32	64	128
Function Keys	16	32	64	128
Power Supplies	4	8	16	32
Dispalys	4	8	16	32

Ordering guide	
Item	Description
MC16-IAC-2	Intruder alarm controller; 2 alarm zones
MC16-IAC-4	Intruder alarm controller; 4 alarm zones
MC16-IAC-8	Intruder alarm controller; 8 alarm zones
MC16-IAC-16	Intruder alarm controller; 16 alarm zones
MC16-IAC-LIC-2	2 alarm zones extension for MC16-IAC controller

Legal Notice

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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