MC16-EVC controller is designed to work with classic elevator systems where the floor is selected by changing the state of electrical contact associated with the floor button. In the access control concept used in the MC16-EVC controller, the user must first identify at the reader installed in the elevator to select the floor and then the controller activates a set of output lines that unlock the floors to which the given user has access. The authorizations for individual floors can be defined using time schedules and calendars, and there is also the option to unlock buttons to cancel the requirement for user identification. The outputs for buttons unlocking can be located on any I/O expanders connected to the control-

ler, however the most suitable for this purpose is the MCX8 expander offering eight relay outputs with isolated NO/NC contacts. User identification can be carried out on any MCT series reader, PRT series reader or compatible Wiegand interface reader. The controller supports one elevator with 64 floors and up to 8,000 users. As with other MC16 series controllers, communication with the VISO management application is encrypted and takes place via LAN/WAN network. The conventional elevators are supported in VISO ST management software and there is not limit in terms of the number of lifts serviced in the system.

Versions of MC16-EVC Controller				
Parameter	MC16-EVC-8	MC16-EVC-16	MC16-EVC-32	MC16-EVC-64
Floors	8	16	32	64
Access Points	1	1	1	1
Access Terminals	4	4	4	4
Access Zones	0	0	0	0
Alarm Zones	0	0	0	0
Automation Nodes	2	4	8	16
Control Commands	2	2	2	2
Inputs	4	4	4	4
Outputs	8	8	8	8
Function Keys	16	32	64	128
Power Supplies	8	8	8	8
Displays	8192	8192	8192	8192

Ordering guide	
Item	*Description*
MC16-EVC-8	Conventional elevator access controller; 18 VAC or 12 VDC power supply; 8 floors license
MC16-EVC-16	Conventional elevator access controller; 18 VAC or 12 VDC power supply; 16 floors license
MC16-EVC-32	Conventional elevator access controller; 18 VAC or 12 VDC power supply; 32 floors license
MC16-EVC-64	Conventional elevator access controller; 18 VAC or 12 VDC power supply; 64 floors license

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