

# The modular Door Control System Albany MCC

ASSA ABLOY

ASSA ABLOY Entrance Systems

The global leader in  
door opening solutions



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## Albany MCC The innovative control system



### MODULARITY

Unlimited expansion possibilities and a great scope for utilization. Extensive settings via the software parameters and the optional extension modules create a highly versatile adaption of the control utilization.

### VECTOR CONTROL

The revolutionary MCC control with vector controlled frequency converter ensures smooth optimal acceleration to top speed and optimal life time for every door type and size. That together with a power boost when starting the movement gives you an outstanding door performance.

### CUSTOMISATION

Standard configurations for every door type allow for a fast and simple use of the control unit. Individual customer requirements can be met via the parameterization possibilities of most of the in- and outputs. Special functions, which are not included in the standard parameters, can be generated via the integrated PLC tool, creating an almost unlimited scope for functions.

### EFFICIENT CONTROL PLATFORM

The MCC control unit is based on an efficient hardware and software platform, which provides the basics for the versatile use of the standard version of the control unit. This ensures permanent availability of the door and optimal spare part handling.

### INTEGRATED DESIGN

The compact design, the usual installation near the drive unit and the option to integrate the MCC in many door types enable a visually appealing and optimal installation of the MCC on the door and provide electromagnetic compatibility.

### POWERFUL USER INTERFACE

A user-friendly graphic display with plain text instructions supported by graphic symbols for the start-up, maintenance and troubleshooting. The user guide of the display is available in several languages or can be customised.

### FREQUENCY CONVERTER ALBANY MCC

Material for housing	Anodized aluminum
Size control box, excluding glands and endplates (W x H x T)	220 x 380 x 100 mm
Supply voltage	3~ PE; 50 – 60 Hz 220 – 480 V -10% / +5% Transformer necessary for 220/230/500V
Temperature range for operation	-20°C – +40°C -20°C – +45°C machine protection doors
Protection	IP 55
Supplied fuse protection	10 – 16 A, B or C characteristic or comparable
Control voltage	24 V DC
Cross section mains connection	max. 2,5 mm <sup>2</sup>
Connections	Plugs
Graphical information display with up/down/stopp keys	•
Uninterrupted Power Supply (UPS)	•
Potential-free contacts	•
Fieldbus interfaces	•
Emergency stop	✓
Airlock function	✓
Interlock function	✓
2. opening height	✓
Traffic light function	✓
Flashing light function	✓
Permanent opening function	✓

• Option ✓ Standard

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