



ASSA ABLOY Entrance Systems is a leading supplier of entrance automation solutions for the efficient flow of goods and people. Building on the long-term success of the Besam, Crawford, Albany and Megadoor brands, we offer our solutions under the ASSA ABLOY brand. Our products and services are dedicated to satisfying end-user needs for safe, secure, convenient and sustainable operations.

ASSA ABLOY Entrance Systems is a division of ASSA ABLOY.

Control system 820 DCS

The comfortable control system for high-performance doors



High-performance doors help to optimize business processes and save energy through high running speeds, intelligent safety equipment and actuator selection adapted to the relevant situation. In addition to short opening and closing times, demand-based opening and correct setting of the door parameters are also particularly important factors. Modern door control systems are the key here, which enable flexible adaptation to the relevant usage conditions.

The new door control system 820 DCS combines a high level of flexibility, quick commissioning and simple operation.

Special Features

- Universal design with frequency converter operation as standard
- Simplified commissioning and operation through four segment LED display with simple parameter and error codes
- Easy parameterization without external programming tools
- Service counter and event log
- Programmable I/Os
- Control voltage power supply 24V DC up to max. 500mA, short circuit protected
- Housing with integrated protection against accidental contact for live parts
- Pluggable connections for loop detectors, radio receiver and relay card
- Electrical connection with screw terminals
- Emergency-Stop button

Control System 820 DCS

Housing material	✓ Powder Coated Steel • Stainless Steel
Housing dimensions without inlets (W x H x D)	✓ 300 x 400 x 120 • 400 x 500 x 210
Power supply	230 Vac ±10% 50/60Hz Permissible range: 180 ... 240V ±10%
Temperature range operation	-10°C – +50°C
Protection class	IP 54
On-site fuse protection	16A, K-characteristics
Control voltage	24 V DC, max. 500mA
Connections	Screw terminals
Control unit with graphical LED-display / open-stopp-close	✓
LED-Display	• 2-row text message
Potential-free contacts	•
Emergency-stop input	✓
Interlock function	•
Second opening height	✓
Traffic-light function (red/green)	✓
Flash light function	✓
Service counter	✓
Error code	✓
Radio module	•
Induction loop module	•
Relay card module	•
Main switch	✓

• Option ✓ Standard

