Basic module (BM)

Modular design	●
Microprocessor-controlled function programs	
– Off	●
– Automatic	●
– Permanent open	●
– Partial opening	●
– Exit only	●
– Night-bank control	●
Connections for	
– electro-mechanical lock	●
– light barriers	●
Adjustment of all basic parameters via integrated display and pushbuttons	●
PALM parameter setting	●
24 V output for external loads	●
Read-out error memory with error codes	●
DCW bus interface	●
Rechargeable battery pack for emergency operation	●

Door parameters

Door parameters	ES 200
1-panel sliding door	
– Clear passage width LW	700 – 3000 mm
– Door panel weight, max.	1 x 200 kg
2-panel sliding door	
– Clear passage width LW	800 – 3000 mm
– Door panel weight, max.	2 x 160 kg

Technical data

Height	100 and 150 mm
Overall depth	180 mm
Opening and closing force, max. 150 N	●
Opening speed (incremental setting)	10 – 70 cm/s
Closing speed (incremental setting)	10 – 50 cm/s
Hold-open time	0 – 180 sec.
Mains voltage, frequency	230 V, 50/60 Hz
Power consumption	250 W
Class of protection	IP 20
Compliant with EU low-voltage directives	●
Manufacture according to ISO 9001:2000	●

Features and advantages at a glance:

– Modular, flexible system
– With DORMA *PowerDrive:* Dynamically controlled acceleration and deceleration curves for particularly powerful operation – and with emergency power backup in the form of a rechargeable battery pack
– Industrially prefabricated and tested *MiniDriveUnit*
– Modular control system upgradeable with additional functional modules
– Integrated DCW (DORMA Connect and Work) bus system for easy integration of DORMA DCW sensors and actuators
– Commissioning via integrated display or optionally with PALM and ASP software
– Can be combined with all customary door profiles
– Fully comprehensive range of accessories
– Reliable investment due to compliance with all relevant European and German standards

Function module (FM) – optional extra

Pharmacy control	●
Door status detection (triple-mode)	●
Main and secondary closing edge protection	●
Emergency closing	●
Bell contact	●
Airlock control	●
Synchronising mode	●