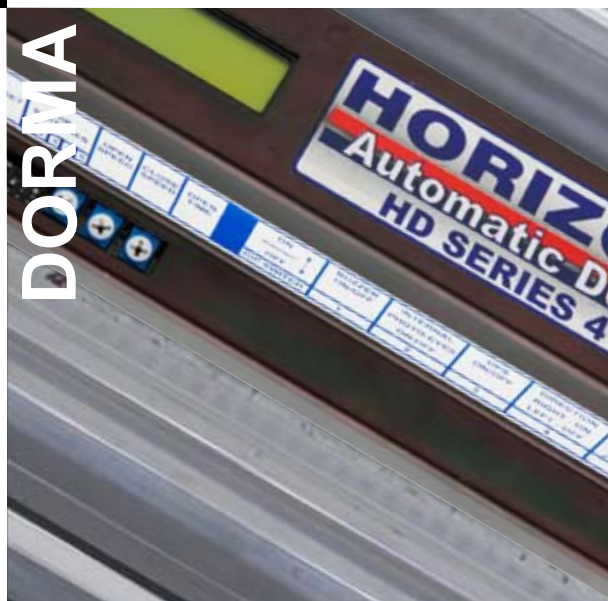


DORMA Automatics



HD4

The Automatic Door Experts



HD4 automatic sliding door operator with lock option

HD4 Sliding Door Operator

The HD4 is DORMA's reliable belt driven operator engineered for lighter applications with a combined door weight of upto 190kg. Ideal for offices, internal doors, disabled toilets, parent rooms, cavity sliders and light commercial or residential applications.

Options Board (optional)

- The options board allows quick and easy interfacing with security systems and can provide door condition outputs such as: locked, closed, batt low, 240v mains fail etc

UPS function

- During the loss of 240v mains power the door will continue to fully operate in any mode for up to 500 cycles and will automatically recharge the battery upon power restoration.

Fire Alarm

- The fire alarm signal input can be programmed to open or close the door upon a fire signal.

Security

- Input options allow security to override the mode switch and put the door into lock mode.
- The electric magnetic shearlock is for after hours security or restricted access requirements.

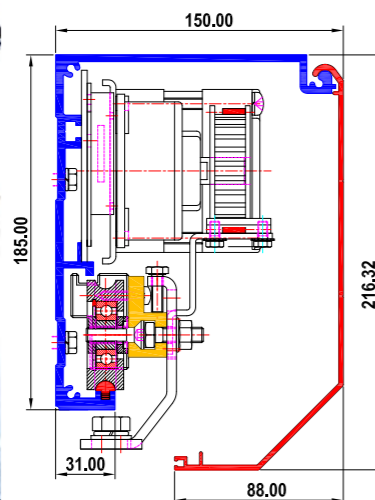
Safety Systems

- The door will auto reverse on meeting an obstruction
- Twin safety beams to prevent the doors closing on an object or person standing in the doorway entrance.
- Failsafe Option: On mains power failure, the door will slide to the fully open position for emergency egress.

Energy-wise

- Ideal for climate control and saving energy with internal heating and air conditioning.
- Option: Full / half open switch adjustable to 50% or 75% of opening.

Door Parameters	HD4
Single panel sliding door - Maximum door width - Maximum door weight	2000mm 190kg
Double Leaf sliding door - Maximum door width - Maximum door weight	1500mm 95kg
Technical Data	
Height (Cowl)	185mm
Depth	150mm
Track Type	Aluminium
Motor Type	
Brushless DC motor 24VDC	■
Drive Train	
Belt	■
Opening Speed (Fully Adjustable)	10 - 50cm / sec
Closing Speed (Fully Adjustable)	10 - 40cm / sec
Hold open time (independent for Lock & Auto mode)	0 - 30cm / sec
Power supply	240 V, 50/60Hz
Power consumption	130W
Class of protection (IP Rating)	IP20
Control Module	
Microprocessor control	■
Function Modes - Off / Lock - Exit - Automatic - Open	■ ■ ■ ■
Electric mode pad	■
Security interface	□
After hours exit (night bank)	■
Self learning	■
Automatic reverse	■
Photo electric cells (safety beams)	■
Adjustment of basic parameters	■
Failsafe opening	■
Continuous operation under power failure	□
12 Volt DC output	■
Locking	
12 VDC shearlock	□
Interface lock inputs when lock option is selected	■
Standard ■ Optional □	



Microhead Sensor

- Compact microwave sensor for general applications. Microwave sensors provide a larger detection area.
- Flexible mounting options
- Adjustable field size

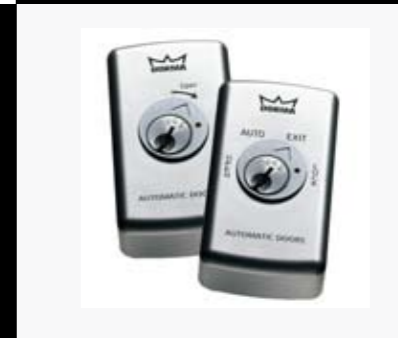
Dimensions: 60mm x 80mm



SK Switches Series Key Switches

- Solid construction with stainless steel finish.
- Security concealed fixing points & suitable for most master key systems
- SK2 - Spring return switch
- SK4 - Four position switch

Dimensions: 65mm x 37mm



HD4 Mode Pad

- Simple one-touch mode selection
- Lock / Off / Exit / Auto / Open
- Emergency Exit button
- LED light illumination

Dimensions: 80mm x 37mm



Advanced Interface Board

- Flexible interface between door operator and security
- Outputs: locked, closed, opened, people in & out, batt low, 240v mains fail etc
- Inputs: energy wise, security open & lock, emergency close etc



Integrated systems.



Door Control



Automatics



Glass Fittings and Accessories



Movable Walls



Security/Time and Access (STA)

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