

## Automatic Sliding Door Operator

# DORMA CS85

### **DORMA CS85: Cost effective door Automation solution with “Aesthetics and Compactness”.**

Whether it is compact dimensions or value for money that impresses the most – there can be little doubt that, with the Compact Slide CS85 Operator, DORMA has once again extended the technological envelope for sliding door operators.

DORMA CS 85 Offers a level of functionality that goes beyond the usual requirements, plus a plethora of adjustable parameters. Not only is the DORMA CS-85 ideal for a wide range of applications, it is also exceptionally cost effective.

CS 85 Operator can be combined with all the usual door profiles, exhibits outstanding operational smoothness and efficiency, and it is easy to maintain.

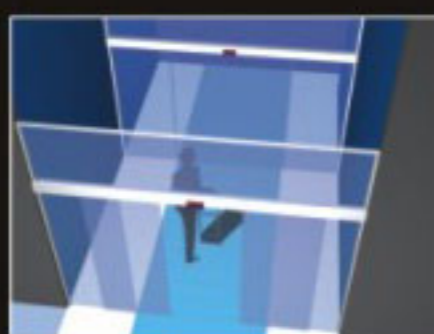
The self-learning microprocessor control ensures reliable operation, keeps the motion cycles harmonized and satisfies high safety requirements. All the parameters can be set and adjusted quickly and easily via an integral display with keypad. Operation is menu driven and remarkably simple. No additional programming unit is required. And DORMA can also supply the program switches, selectors and activators, as well as the door profiles themselves, for a perfectly co-ordinated integrated solution.

### **APPLICATION:**

- 1 Main Entrances: Malls, Shopping Centers
- 2 Entrances for Retail Outlets
- 3 Entrances with Airlock.
- 4 Entrance and Internal Doors for Homes.



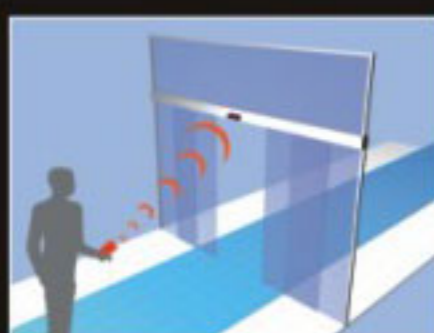
With Access Control



With Air Locking System



With Push Button



With Remote



With Radar Sensor

### **BENEFITS AND FEATURES**

- Multifunctional control: commissioning effected without additional programming unit
- Aesthetically attractive design
- Suitable for combination with all common door profiles
- Easy to install and commission
- Readily adaptable to individual requirements
- Reliable function and high safety standard
- Smooth operation
- Comprehensive range of program switches, selectors, activators and door profiles
- Secure investment thanks to fulfilment of the future European standards per EN 12650



# Technical Data:

## DOOR PARAMETERS CS 85

<b>Single Panel sliding door:</b> → Clear Passage Width → Sliding Panel Weight → Passage Height (Max)	800 - 1200mm 1 x 100 Kgs (Max) 2400 mm (Max)
<b>Double Panel sliding door:</b> → Clear Passage Width → Sliding Panel Weight → Passage Height (Max)	1000 - 2000mm 2 x 85 Kgs (Max) 2400 mm (Max)

Height	100 mm
Installation depth	100 mm
Opening and closing force max. 150 N	■
Opening speed (incrementally adjustable)	10 - 50 cm/sec
Closing speed (incrementally adjustable)	10 - 40 cm/sec
Hold-open time	0.5 - 30 sec
Power supply data	230 V, 50/60 HZ

## CONTROL MODULE

Microprocessor Control	■
Function Programs: → Off → Automatic → Permanent Open	■ ■ ■
Self Learning Logic	■
Automatic Reverse	■
Connection for Light Barriers	□
Adjustment of basic parameters via integral display and keypad	■
Emergency opening or emergency closing	■
24 V output for external load	■
Readout error memory with error codes	■

## OPTIONAL ACCESSORIES

Light barriers (01 Pair)	□
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■ → Standard      □ → Optional

## SALIENT FEATURES TO SUIT INDIAN CONDITIONS:

**1.Power Supply Unit:** CS85 is equipped with New SMPS technology which enables the sliding door to operate without interruption incase of power fluctuations i.e. within the range of 160V AC – 250V AC.

**2.Special Track Profile:** Track Profile in CS85 Operator is a separate profile i.e. not an integral part of main operator profile. Advantages: Less Vibration transmission to door

panels, which results in smooth operation & Easy maintenance

**3.Application:** CS85 is compatible for following applications;  
 a. Automatic Sliding door with Motion Sensors (Radars)  
 b. Automatic Sliding door with Access Control & Remote Control.  
 c. Automatic door with Push button activation.  
 d. Automatic door with Airlock feature.

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