



WINDOW TECHNOLOGY  
DOOR TECHNOLOGY  
AUTOMATIC ENTRANCE SYSTEMS  
BUILDING MANAGEMENT SYSTEMS

4289



GRETSCH-UNITAS GROUP



## GUSG CATALOGUE



Securing technology for you  
*Vorsprung mit System*



# AUTOMATIC ENTRANCE SYSTEM

## HM-86 System



### Functionality and cost-effectiveness :

The HM-86 sliding door drive is the problem-solver for your special requirements. Sliding panels with large dimensions or heavy weights of up to 300 kg for single leaf and 250 kg for double leaf are driven reliably and silently. Even in very high-traffic entrance areas, the HM-86 system ensures optimal running characteristics with the least wear, thanks to the stable carriage and large rollers with rubber-coated running face. Sliding panels framed with thermally broken profile systems or steel profiles are ideally suited for assembly with HM-86.

### Accessories (optional) :

- Backup battery (for Automatic/ open/ close)
- Electrical drop bolt (fail-safe; powerless unlock)



**5 Ways Function Switch**  
Easy to control for HM-86

### Convincing in detail :

- Well - engineered, proven mechanics.
- Fool - proof plug and play wiring connection.
- Self - learning controller.
- Built with switch power supply to overcome irregular power source from main supply.
- 3P - Module design aluminum track and cover profile for easy stocking and transportation.
- Hold-open design with safety to prevent the falling of the cover profile.
- Built - in safety photocell to prevent door from closing when there an obstacle on the passageway.
- EV - Power motor lock system to prevent force entry with alarm armed.
- 5 positions function switch complete as standard accessory for users convenience.

Description	HM-86	
	1-Leaf	2-Leaf
Clearance width	800 - 2000 mm.	1000 - 2400 mm.
Clearance height	Max. 3000 mm.	
Door leaf weight	Max. 300 kg/Leaf	Max. 250 kg/Leaf
Supply voltage	230V AC, 50 Hz	
Hold-Open time	0 - 60 s	
Opening Speed	Max. 0.9 m/s	
Closing Speed	Max. 0.7 m/s	
Winter Opening <sup>2</sup>	50% - 100% of clear passage width	
Protection Class / Ambient Temperature	IP 22	



HM-86 Kit



Full Digital Control Unit



5 Ways Function Switch



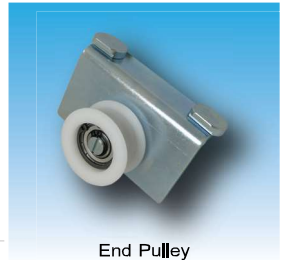
Dunker Motor



Safety Sensor



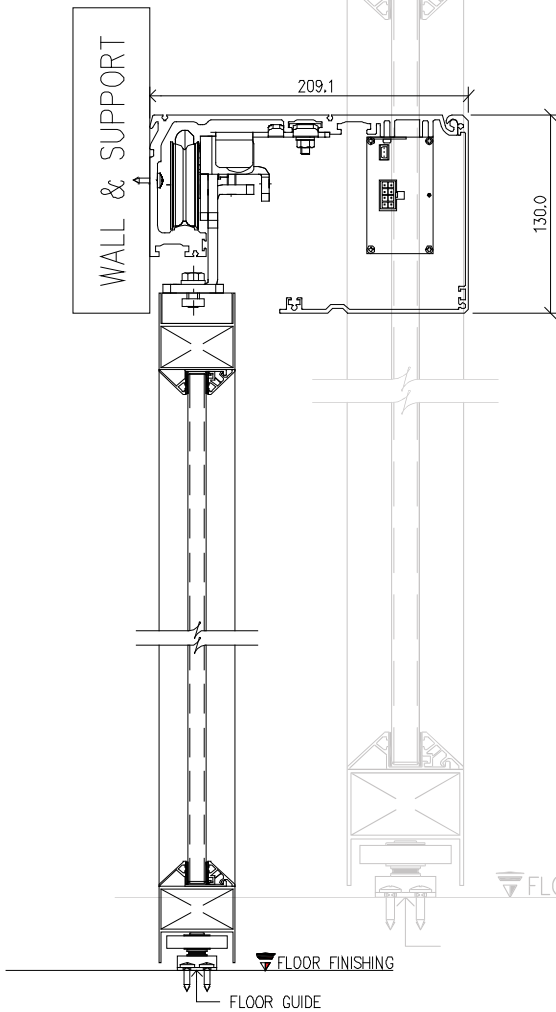
Roller Carriage



End Pulley

SENSOR  
OUTSIDE

SENSOR  
INSIDE





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