

DS-S-EN(HM)

Sliding door operator

Simple and user friendly sliding door operator
for everybody



Features

1. Excellent durability and compact design is realized by hypoid gear with brushless motor.
2. Ease of installation is realized by simple wiring and reduced number of components.
3. Three operator models are available depending on door weight.
4. Suitable for diverse applications, such as hospitals, airports, malls, offices, etc.

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Simple and user friendly sliding door operator for everybody

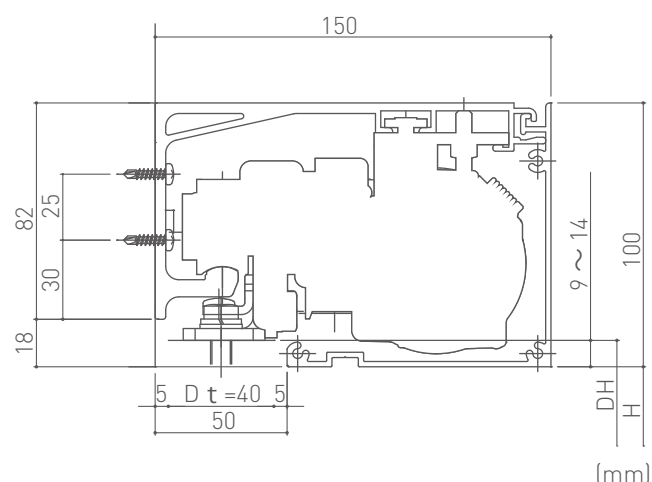
Specification

Door Operator Type	DS-60		DS-75		DS-150	
	Single	Bi parting	Single	Bi parting	Single	Bi parting
Applicable Door Mass×Door Qty (kg)	75	60×2	100	85×2	120	120×2
Applicable Door Area DW×DH (m2)	2.2	1.8	2.8	2.6	3.3	3.0
Applicable Door Width DW (mm)	650~1250					
Ratio of Door Height / Width (DW/DH)	4.0					
Operator Box Height×Width H×W (mm)	100×150					
Power Supply	230VAC+6/-10% 50/60Hz					
Power Consumption (W)	Max. 170 [W]		Max. 270 [W]		Max. 270 [W]	
Opening Speed (cm/s)	10~70					
Closing Speed (cm/s)	10~70					
Hold Open Time (s)	0~50					
Maximum Endurance Wind Speed (m/s)	15					

Specification(common spec)

CAN BUS (NET System)	✓
Signal Output	✓ (two)
12V Output for External Accessory	✓ (700mA)
Door Status Output	✓
Output of Error with Description	✓
Interlocking System	✓
Output for Electric Lock	✓
Manual Lock Release Mechanism	✓
Connection for Safety Sensors	✓
Adjustment of Door Open/Close Control via Advanced Program Switch with Full Color Display	✓

Dimension



Optional Devices

User-friendly Advanced Program Switch

- Five selectable operation modes
Auto One Way Night Hold Open Manual
- Improved visibility with a color LCD screen
- Multiple languages adaptability for operation mode
- Easy identification of malfunctioning parts and operation history

Electric Lock

- Two models: EL-03U (Unlock at power off) / EL-03L (Lock at power off)
- Easy locking by end-user, simply select "One Way" or "Night" mode
- Advanced usability with "APS-N20" program switch

Nabtesco Corporation

Accessibility Innovations Company

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ISO9001 / ISO14001 Certified



For further details, contact:

All specifications herein are subject to change without notice
CAT.No. D660 0201 1408 02SE

APS-N20

Program Switch

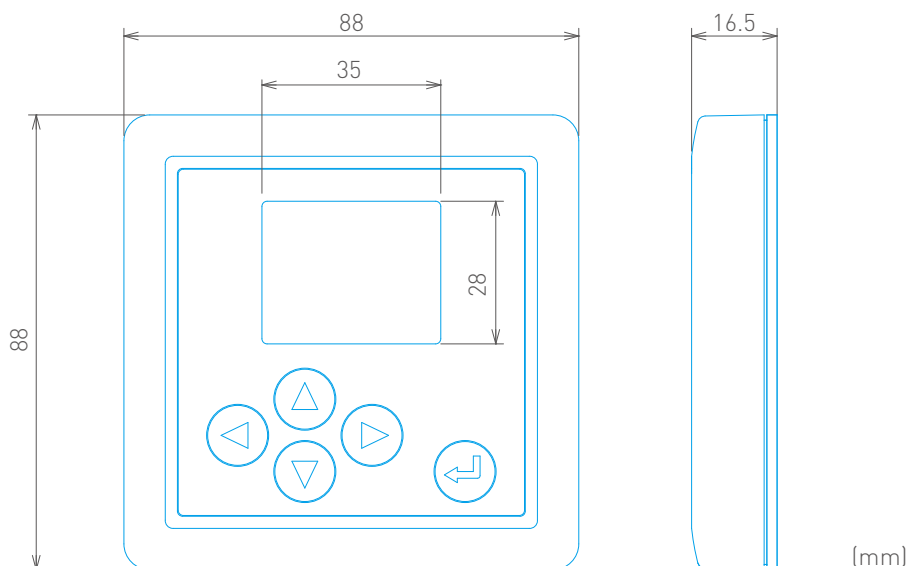
User-friendly advanced program switch for automatic sliding door



Features

1. Color LCD offers excellent visibility for switching the automatic door mode and changing the parameter set values.
2. Two types of access codes are programmable to provide different levels of pass to different users.
3. Installer can check information related to malfunctioning parts and operation history, which makes maintenance and troubleshooting easier.

Dimension



Operation Mode

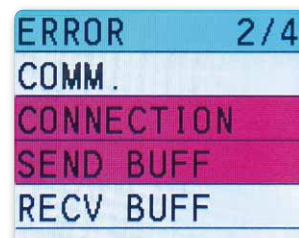
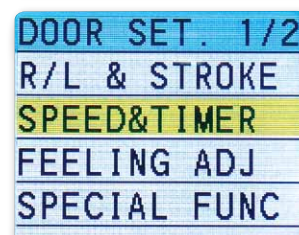
Several modes of automatic door operation can be selected by the end-users; Auto, Night, One Way, and etc. Furthermore, the position of the door opening can be configured at two levels: Full Open and Partial Open.

Parameter Change

This function allows the installer to change parameters such as Door Opening/Closing Speed and Hold Open Time.

Error and Operation History

These functions allow the installer to check information such as malfunctioning parts in case of error and operation history such as opening and closing cycles.



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For further details, contact:

0A-220CN T

Transom mount sensor

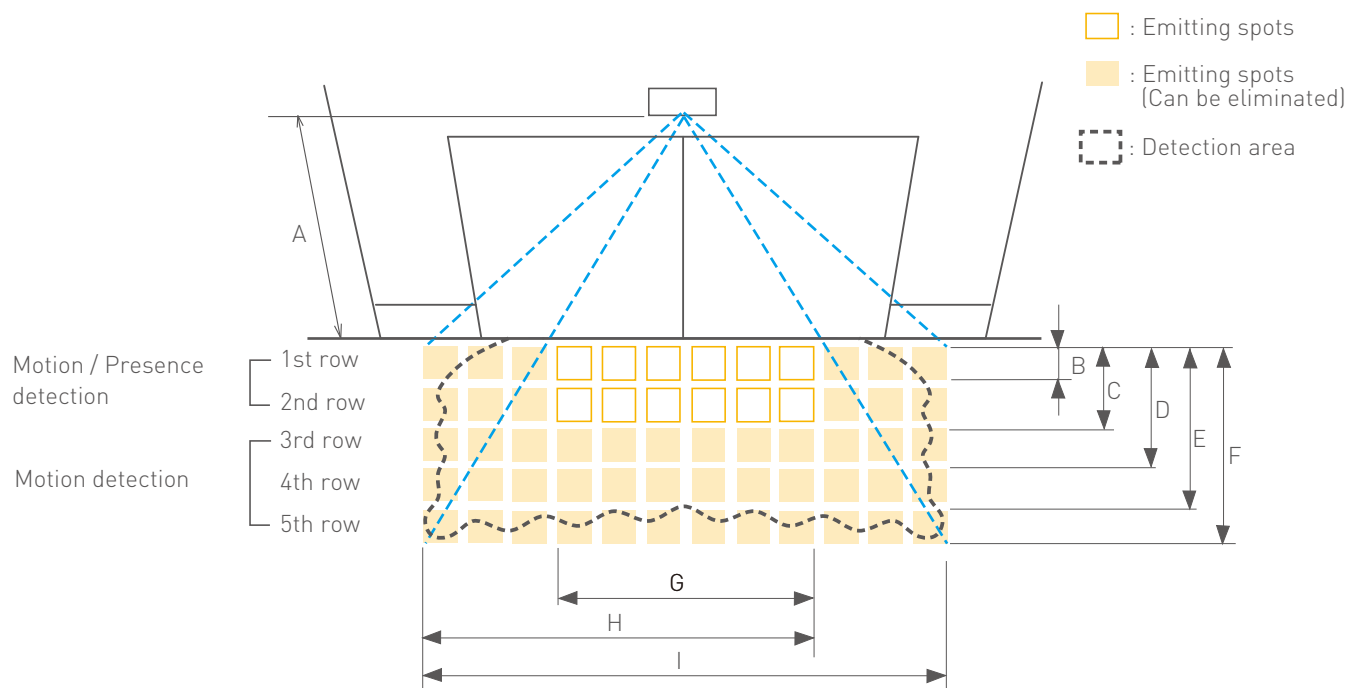
Active Infrared activation and safety with test input for automatic sliding doors



Features

1. Active infrared transom mount sensor for automatic sliding door combines both safety and activation.
2. Sensor covers are available in three colors: silver, white, and black.
3. The large detection area provides fast detection for any traffic including trolleys approaching from any angle.
4. Easy adjustment: Installation time can be reduced to a minimum by using easily set switch.

Specification



Detection area size (reference value)

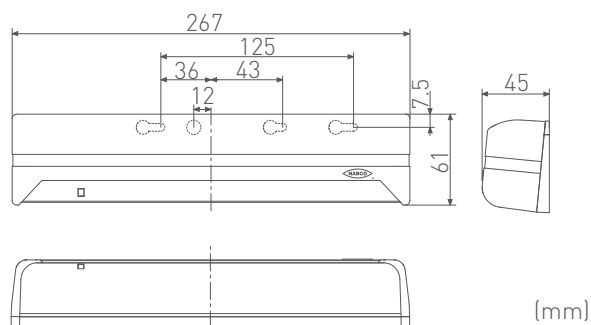
	2.20	2.50	2.70	3.00
A	2.20	2.50	2.70	3.00
B	0.14	0.16	0.18	0.20
C	0.42	0.48	0.52	0.58
D	0.82	0.93	1.00	1.10
E	1.35	1.54	1.66	1.85
F	1.90	2.17	2.34	2.60
G	1.33	1.51	1.63	1.81
H	2.05	2.32	2.51	2.79
I	2.78	3.15	3.40	3.79

※The actual detection area may differ according to the size/material/entry speed of the object and the installation environment.

Specification

Detection Method	Active Infrared Reflection
Detection Object	Motion / Presence
Mounting Height	Max. 3.0m
Detection Area	W 2.78m×D 1.9m (at mounting height 2.2m)
Current Consumption	less than 2.5W

Dimension



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