

## DS-250 / DS-500 Sliding door operating unit

### Features

Advanced system with network technology adopting CAN transmission through each device

Both high-performance and compactness

Smooth and comfortable atmosphere to passers-by thanks to high-power brushless DC motor

Thermal protector equipped geared motor



### DS-250

DS-250 automatic door system enables the smooth operation of the large heavy-duty doors up to 500 kg (single sliding.)

It is suitable for the doors in front of large buildings, plants.



### DS-500

DS-500 automatic door system enables the smooth operation of the large heavy-duty doors up to 1000 kg (single sliding.)

By using a reduction gear, it is applicable for the doors up to 2000 kg installed in the plant.



### Specification

Door operator type	DS-250 Automatic Door System		DS-500 Automatic Door System	
	Single	Bi-Parting	Single	Bi-Parting
Door type	Single	Bi-Parting	Single	Bi-Parting
Applicable door mass x door q'ty	500kg x 1	250kg x 2	1000kg x 1	500kg x 2
Applicable Door Area : DW x DH	Max. 9.3 m <sup>2</sup>	Max. 5.0 m <sup>2</sup>	Max. 27.5 m <sup>2</sup>	Max. 14.0 m <sup>2</sup>
Applicable Door Width : DW	Max. 3100 mm	Max. 1650 mm	Max. 6100 mm	Max. 3100 mm
Ratio of Door Height / Width : DH / DW	Max. 3.0		Max. 3.0	
Power supply	100V AC ± 10%, 50/60Hz, 10A		200V AC ± 10%, 50/60Hz, 10A	
Open / Close Speed	Variable under 0.4 m/s * <sup>1</sup>		Variable under 0.5 m/s * <sup>1</sup>	
Maximum operable wind speed	15 m/s or less		15 m/s or less	

The above spec sheet of DS-500 Automatic Door System is the spec of standard type.

\*<sup>1</sup> Average speed for 0 to 600 mm section, Subject to door mass, running resistance