

Panasonic

ideas for life



Sliding Automatic Door New Leader Series

Structure

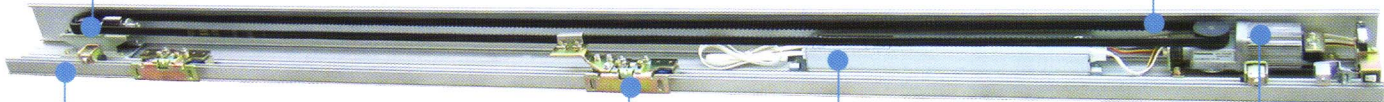
New Leader, longer life, silent, stronger

● Jockey wheel device

The belt is attached to the jockey wheel, which has a device to adjust the tightness of the belt

● Belt

Convert the motor rotation movement into back-and-force movement. It uses special material processed teeth-shape timing belt with slight change from influence of temperature and with efficient transmission of movement, and as such need not to be adjusted along with the belt tightness.



● Hanger device

For hanging the door. With a suspension pulley movable on the engine case track. New material used in the pulley for long life. Each hanger is adjustable by ± 3 mm of height, further simplifying installation

● Control Device

Accepting detection signal from sensor or switches, it drives the motor to control the door to move properly. Two auxiliary sensor connectors added, to further increase security and diverse function.

● Motor device

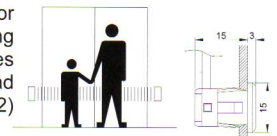
Adopting small, high-duty DC brushless motor, high drive transmission ratio and low noise high speed gearbox, it then drives the belt. Internally it has a safety device to run long time without error even if turned on and off frequently. Motor drive wheel is made of metal, requires no repair.

● Engine case

Made with high strength abrasion-resistant aluminum and can easily be cut. Can be adjusted on site in shops according to different opening degree of door so as to be installed in the best size. 2.5 m is the basic unit length. Different quantity for single and double door, both convenient for transport, and for better cutting.

● Photo cell Sensor /Aux. Sensor (Optional)

Aux. sensor signal amplifier is in-built in control device, so that when door is closed, the sensor can prevent squeezing when detecting persons or objects. Two aux. sensors interfaces available for use on site. Aux. sensor head (NACC83491), aux. sensor kit (NACC83492) are optional.



New features

- New tech. Motor, output 30% more of power
- New motor tech. and new structure for low noise
- Optimized program for anti-wind ability

Construction fitness

- Easy setting
- Easy installation
- Easy hanging the door

Reliability

- Control device optimized for endurance and no-trouble
- Moving smoothly, silent

Multi-function

- The multi-function device can combine with operation selector, electric lock, battery etc., for more function
- New tech. used first on the control device to realize combined move of many doors, door bell hint, voice hint, central surveillance etc.
- Operation selector used with remote controller together to realize door moving within 20%~90% of full-open width, saving energy obviously.

Security

- If a person or object is squeezed when door is closing, the door reopens. Squeeze sensitiveness promoted, with scope enlarged.
- Easier to open during power failure

Specification

Engine unit	With aux. sensor	ONACS82126	ONACS82125	ONACS82136	ONACS82135	ONACS82226	ONACS82225	ONACS82236	ONACS82235
	Without aux. sensor	ONACS82128	ONACS82127	ONACS82138	ONACS82137	ONACS82228	ONACS82227	ONACS82238	ONACS82237
Door	Single		Double		Single		Double		
Door wgt	<90kg		<90kg×2		<150kg		<150kg×2		
Installation method	Surface	Enclosed	Surface	Enclosed	Surface	Enclosed	Surface	Enclosed	
Door width	600~1250mm								
Open speed	14~45cm/sec(adjustable)		14~40 cm/sec(adjustable)		14~41 cm/sec(adjustable)		14~34 cm/sec(adjustable)		
Close speed	10~40 cm/sec(adjustable)		10~38 cm/sec(adjustable)		10~39 cm/sec(adjustable)		10~34 cm/sec(adjustable)		
Opening time	0~9sec(adjustable)				0~9sec(adjustable)				
Manual force	20.3N(2.1kgf)		25.8N(2.6kgf)		27.1N(2.8kgf)		38.2N(3.9kgf)		
Env temp.	-20℃~+50℃				-20℃~+50℃				
Voltage	AC200~250V 50/60Hz				AC200~250V 50/60Hz				