

SPEED FLAP GATE

Speed Flap Gate is designed to provide high reliable and durable service to control passage in mass transit applications. Flap Gates are suitable for metro and BRT stations and access control systems



Powered by Speed flap mechanism



Supports 45 passages per minute



Two separated emergency mode



Tamper switch on each door



Serial communication port



Wide passage for handicaps



High temperature protection circuit

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Passage Control Module	The electronic board which controls the aisle area and safety and drives the motor
Passage width	Standard passage width is 550mm and wide width is 900mm
Photoelectric Sensors	16 photoelectric sensors to recognize intrusion, Tailgating, Piggybacking, Wrong way direction and child passage
Emergency mode	Two separated emergency inputs
Tamper Switch	One Tamper switch on each door
Temperature sensor	In-built high temperature protection circuit
Serial Connection	One External RS232 port
Gate End Display	Two 120x120 mm gate end display
Buzzer	One alarm buzzer
Passage authorization	Two separated dry contact for passage authorization Software passage authorization over serial connection
Inputs/Outputs	-16 opto-couple rated at 24 VDC, protected against invention & over voltage -6 relay outputs providing 24 VDC – 50mA output insulated from general ground -One static relay output providing 24V - 1A electrically insulated from general ground -One static relay output providing 24V - 1A electrically insulated from general ground -6 spare inputs and 6 spare outputs
Power Supply	220V AC power supply (+/- 10%)
Physical Characteristics	Dimensions: 1000(H) x 1900(W) x 300(D)
Mean Cycle Between Failure	4 million (5 million if normally open)
Mean Time To Repair	Less than 30 minutes
Working Temperature	-5°C to +50°C and 95% humidity
Passenger Safety	-Four sensor install near moving obstacle to prevent closing when a passenger is standing between the flaps -The thickness and the density of the polyurethane allow shock absorption and reduction of the mass in movement -An electromagnetic device limits the closing force to 250 N -In case of a main power failure of emergency mode, the obstacle opens immediately by means of spring and gravity force