



Pedestrian MAGSTOP

Retractable
MPH

Description:	Type	Specification
Motor Drive		MHTM
Opening / Closing Time	Sec	0.5
Protection	IP	32
Power Supply	V	115-240
Frequency	Hz	50-60
Length	mm	1300
Height	mm	1200
Aisle Width	mm	520

Product Description

The pedestrian retractable barrier series type MPH (Magnetic Pedestrian High Door) is designed to control pedestrians entering or exiting restricted areas, usually under surveillance in low security situations. Personal surveillance is therefore recommended as the barrier can be breached. Three different models are available. The standard model has an aisle width of 520 mm. The construction consists of sheet metal housings that can be extended with intermediate parts to a user-defined line configuration corresponding to the needs, e. g. in case of a high throughput. The aisle is blocked by means of a retractable rectangular wing made of Tempered Glass or Acrylic panel. After an opening pulse the wing retracts into the housing, consequently the aisle is completely clear. It closes

immediately after passage or after an adjustable time -out. The opening and closing times of the wings are from 0.5 sec., dependent on the type of wing used.

Typical Fields of Applications

- Train stations
- Airports Sports
- Stadiums
- Museums
- Company
- Public convenience

Housing The construction consists of different segments bolted together. Various optional access control devices (such as card readers, finger print readers etc.) can be accommodated on a stainless steel fascia panel located at each end segment of the pedestrian barrier. At each barrier end (entry side) you will find a so called LED Gate End Display (GED) that displays the current operational state to the

user. Green arrow for entry free, red cross for passage locked. This design is for indoor installations and with finishing in powder coating and protection class IP 32.

Motor Drive

Our new developed and patented Magnetic High Torque Motor MHTM® with resolver technique is the key of the drive unit. The DC motor allows a direct drive of the gate wing without additional gear. In connection with the new universal MBC controller we can provide functional features that are very useful and expedient for our customers. The motor offers numerous benefits including a near noiseless operation, smallest dynamic impact forces, impact detection, lowest abrasion and highest opening- and closing times. The impact detection interrupts the closing operation in the event that the wing is

obstructed. In this event the wing reverses (opens automatically). Impact detection helps to eliminate any possible injury or damage on luggage. In the closed mode operation the wings will be locked by means of a lever system. The door automatically open when power fails and thus free passage is ensured. The

MHTM® motor operates under constant power in the home position; therefore the heat dissipated prevents any condensation and prolongs the life of the motor.

Safety

For prohibition of an early or unintentional closing, e. g. if

accompanied luggage remains in the housing area, the housings are fitted with light beams. The closing pressure is far under the legal requirements, therefore with our Glass wings the risk of injury or damage is minimized, even in the event of a person running into closed retractable barrier.

