



## **Gate Automation Systems (Irl.)**

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### **Metal Horizontal Sliding Folding Speedgate with Top or Bottom Drive**

This Speedgate can be supplied with a top or bottom drive. It opens and closes quickly and securely within approximately four seconds. This means that 450 vehicles per hour are able to drive in/ out in a controlled manner. The panels can consist of steel netting, bars or even glass. Available in a wide range of RAL colours, this Speedgate can be PLC-operated in combination with vehicle detection.

#### ***Design***

- 4 panels of steel design profiles, while opening on two sides
- Leaf doors mounted in a steel construction of columns and seamless settled top box
- Columns steel case
- Bottom box seamless settled from 4mm steel plates. Box covered with watering plate of 8mm
- Leaf doors at the columns with axial hinges type BRS1, positioned at the bending point of the panels casted steel hinges with cable throughput and maintenance free Teflon bearing type BRS2
- The internal 2 panels are leaded at the top site through a Continental neoprene guide wheel in the top box
- Aperture angle 90°



**Top Drive Speedgate**

#### ***Door segment***

- Panel framing: design profiles with U-profile
- Panel filling: free to fill in, glass, perforated plate, wood or bars.

#### ***Drive***

- Electro-mechanical type Common Power System ®
- Junction box mounted in the column
- End contacts; 2 pieces of inductive approximate switches, 24 VDC, NO and a pulse counter
- In case of power failure you can open the gate manually (on request)



### ***Control***

- Optional – safety edge amplifier needs to be built in

### ***Interlocking***

- Electro mechanically

### ***Safety***

- Photocell in the clear or on a pole.
- 4 pieces of vertical electrical safety edges on the head side of the internal two panels
- 2 / 4 pieces of horizontal electrical safety edges on the bottom side of the outer/ internal 2 panels
- Detection loops for and behind the Speedgate (optional)

