ID ISC.LR.WS-A

WIEGAND SWITCH

- Cost-effective Wiegand solution for 2 lanes
- Display of the active output channel
- Compact housing
- Easy installation
- DIN rail mounting
- Supports several FEIG RFID readers
- Automatic signal improvement in case of communication problems

Solution for multilane vehicle access control

The Wiegand Switch ID ISC.LR.WS-A is a smart and cost-effective solution for multilane vehicle access control installations. With just one UHF reader the Wiegand Switch allows to control two independent lanes (e. g. entry and exit). Depending on a reading event at a specific antenna, the Switch transmits the Wiegand signal to the particular input of the access control panel. The access is only allowed at the specific lane. The Wiegand Switch enables a reliable access control of two independent lanes.

Fast and easy installation

ID ISC.LR.WS-A has a compact housing for DIN rail mounting and can be installed quick and easy. Two LED indicators show the active output channel and can be used for diagnostic purposes. In case of communication problems between reader and access control panel the ID ISC.LR.WS-A improves the Wiegand signal.

The Wiegand Switch is supported by several FEIG RFID readers and can therefore be used for different applications with Wiegand access control panels.

COST-EFFECTIVE SOLUTION FOR INSTALLATIONS WITH 2 LANES

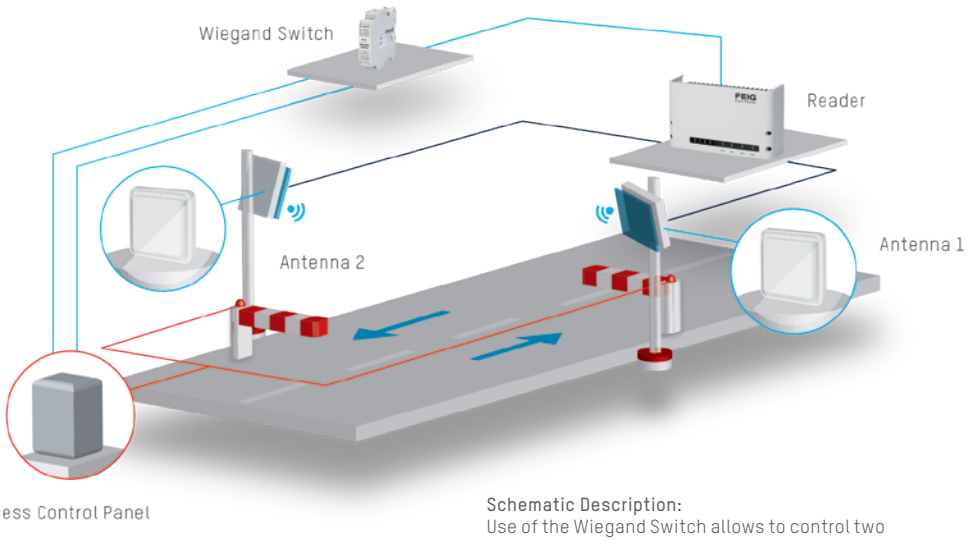
The Wiegand Switch allows to control two lanes with only one reader and enables clear cost advantages.

Technical data

Dimensions (w x h x d)	99 mm x 90 mm x 22.5 mm
Weight	approx. 90 g
Housing	Polyamide
Color	RAL7035 (light grey)
Power supply	12 up to 24 V DC ±20 %
Power consumption	typ. < 2 W
Supported readers	ID LRU1002, ID LRU500i-BD (further readers on request)
Indicator	2 green LED indicate the active Wiegand output
Other features	– Housing for DIN Rail Mounting – Signal improvement in case of communication problems between Access Control Panel and Reader
Temperature range	
Operation	–25 °C up to +55 °C
Storage	–40 °C up to +85 °C
Humidity	5 % up to 95 % (non-condensing)
Vibration	EN 60068-2-6 10 Hz up to 150 Hz: 0.075 mm/1 g
Shock	EN 60068-2-27 Acceleration: 30 g
EMC	EN 301 489
Safety	EN 62 368

UHF Long Range Reader
ID LRU1002

UHF Compact-Reader
ID LRU500i-BD



Schematic Description:
Use of the Wiegand Switch allows to control two independent lanes with only one reader!

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