

LPN S0 / DI

Highlights

- Compact and easy mounting
- Protection class IP65
- LoRa® Class C
- 2x combined Inputs S0 / DI
- USB for setup
- Approx. 10 km range



RF Performance

- 14 dBm TX-Power
- -137 dBm RX-Sensitivity
- Approx. 10 km range

Interfaces

- 2x combined Inputs S0 / DI
- USB (for LoRa Setup)

Eingang S0 / DI

- Switch S0 to DI with Jumper
- Maximum current S0 interface 15mA

Power supply

- Input voltage +24VDC (10...36VDC)
- Input current max. 100mA (Typ 35mA @ 24VDC)

Indicators

- 4 Status LED's

Mechanic

- Housing: Polyamide (PA 6-GB 30)
- Dimension (L x B x H) 150mm x 58mm x35mm (incl. antenna)

Environment

- Protection class IP65
- Operating temperature -25°C to +60°C
- Storage temperature -40°C to 85°C
- Rel. humidity 0% to 95% (not condensing)

Reference

- LoRa® Modbus Bridge technical manual

Norm & Safety

- EN 62368-1

Power, Communication & Display



Pin No.	Pin-Description	Signal
1	+24VDC (10...36VDC)	Power
2	S0 / DI1	Input
3	S0 / DI2	Input
4	GND	Power

(Detailed information's in technical manual)

LED-Name	Function	LED status
LED blue	LoRa Status	Off/12%/50%/88%/On
LED green	Supply	100ms (Downlink)
LED yellow	Input Status	Off/12%/50%/88%/On
LED red	Info	Off/12%

(Detailed information's in technical manual)

