



ADVANTAGES

- High level of flexibility
- High degree of individualization
- Suitable for harsh environments
- Look and feel like a mechanical switch
- Homogeneous dashboard design

LIN-BUS ROCKER SWITCH

EXAMPLES OF APPLICATION

- Commercial vehicles
- Agricultural machinery
- Construction machinery
- Material handling
- Municipal vehicles
- Utility vehicles
- Recreational vehicles
- Electric vehicles
- Boats & ships

PRODUCT FEATURES

- Single rocker switch with integrated LIN-bus controller and interface
- Different rocker designs and colors with various symbols
- White, dimmable symbol illumination with brightness adjustable via PWM
- Dimmable RGB function illumination with brightness adjustable via PWM
- Dust and water protection IP 69K front and IP 54 terminal side
- Mounting compatible with hard-wired switch series 3250

SPECIFICATIONS

Main features

- Up to 16 participants in switch bus network
- LIN signal looped through via "Daisy Chain"
- For 12 V DC applications
- 3-wire bus with Ubatt, LIN, GND
- Speed 19.2 kbit/s
- Durable surfaces
- Cap with laser engraved symbols (max. 9 x 9 mm)
- Wake-up functionality*

Power consumption

- Operation mode ~30-50 mA at 12 V DC (depending on number of active LEDs)
- Sleep mode <0.1 mA at 12 V DC

Life endurance

100,000 actuations (ON) – OFF – (ON)

Switching functions

() = momentary

OFF – ON* OFF – (ON)*
ON – OFF – ON* (ON) – OFF – (ON)
(ON) – OFF – ON*

Connector type

TE 6-pin NANO MQS 2112593-1 A & 2112594-1 A
Pinning: 1+4 Ubatt – 2+5 GND – 3+6 LIN

Protection type

IP 69K (front) and IP 54 (terminal side)

Ambient temperature

-40 °C ... 85 °C

Illumination

- 2 white LEDs for symbol illumination
- 2 RGB-LEDs for function illumination
- LEDs adjustable via PWM (dimming, flashing etc.)*

* on request

ACCESSORIES

- Panel seal (product number 343.171.011)
- Mounting frame for 22 x 44 mm cut-out (product number 217.879.011)
- Hole plug / blind piece without signal transmission (product number 207.036.011)
- Mounting panel frames to create individual switch banks
 - End piece (product number 217.877.011)
 - Middle piece (product number 217.878.011)

ON REQUEST

- Different symbol illumination colors
- Customized cap shapes
- Additional cap colors
- Hole plug / blind piece with signal transmission according to customer design
- Further switching circuit configurations

DRAWINGS

(Dimensions in mm)

