



**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

