



Rocker Switch

oRocker

The Rocker Switch is a smart button group designed to meet your switch and indicator needs. Buttons can be assigned different functions with pre-printed customizable symbols.

Additionally, the LED illuminations on the buttons, available in four different colors, can have the brightness, continuous and intermittent illuminations to be adjusted via the software. This allows sending of the information about the device's operating mode (normal mode, addressing mode, error mode) through the lighting function, and thus displaying error conditions to the user.

The button functions can be set based on their mechanical features as permanent, momentary, one-way, two-way or blind buttons.

The button configuration can be established in a master-slave structure, with up to seven slave button groups added to one master button group. The master button group connects to the vehicle network via the CAN communication bus, while the slave button groups connect to the master button group through the LIN communication bus.

The configuration of master-slave unit addresses can be accomplished through software and, during servicing or replacement, the slave button groups automatically receive their addresses via the Hot-Swap feature.

Four different LED indicators



Long-lasting switch
200,000+ cycles



Easy address assignment
with external address pins



Emissions to
CISPR 25 Class 4



J1939 CAN 2.0b
messaging



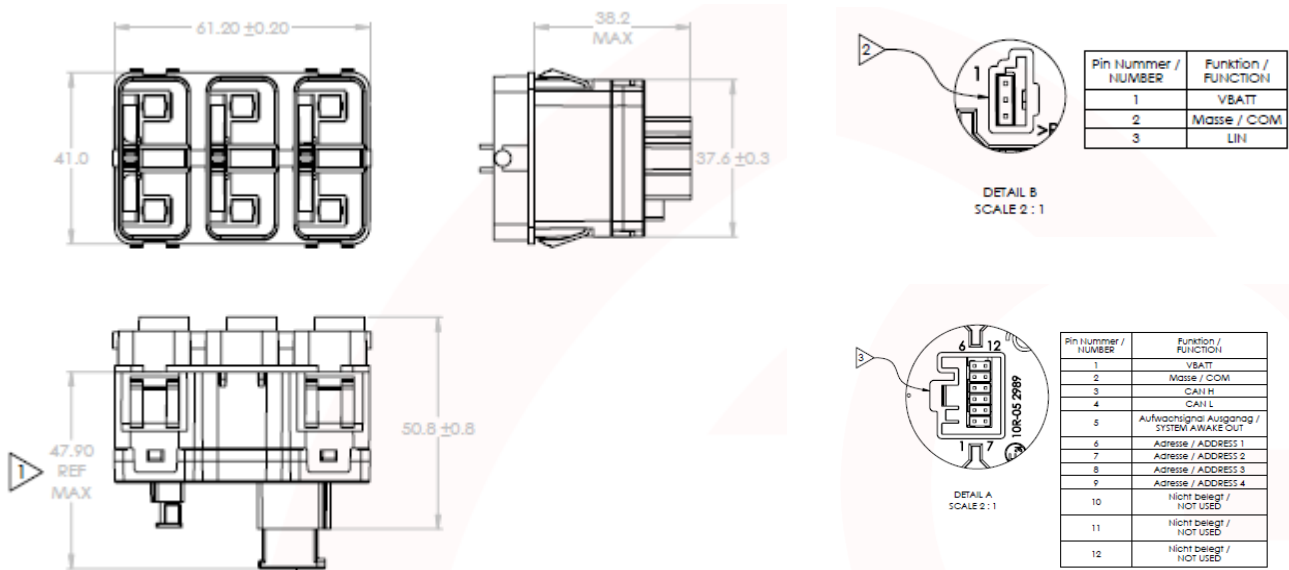
LIN 2.0/SAE J2602
communication between
expansion modules

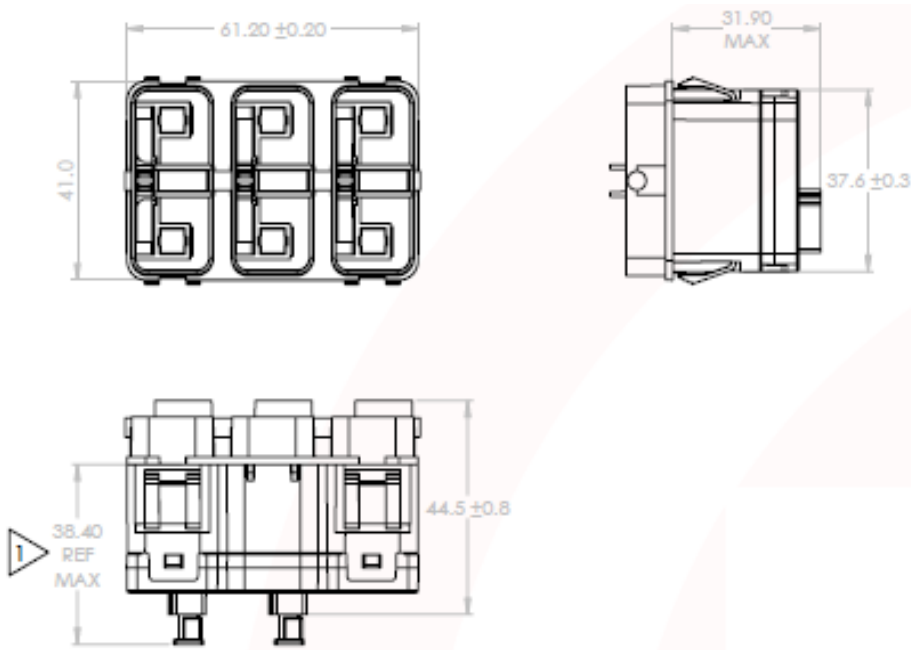


Technical Specification

Nominal Voltage	24V
Functional Range	16V-32V
Operational Temperature	-40°C ~ +80°C
Storage Temperature	-40°C ~ +95°C
Protection Class	IP52, top only with buttons installed
Operational Voltage	max. 70mA/24V
Stand-By Current Cons. (Sleep Mode)	1mA/24V
Inspection Specification	ISO7637 PART2-3. TEST PULSE 1, 2, 3a, 3b
	Loaddump 58V/10s
	CISPR 25. Limits For Radiated Emission
	ISO 11452-(2,4,8). Field Strength Radiated Emission (150V/m 200mA 120A/m)
	E-MARK No : 2989
Dimensions	61.2mm X 41 mm X 50.8mm
Weight	40 gr.
Installation Position	A2 Cabin

Master Module





Pin Number / NUMBER	Funktion / FUNCTION
1	VBATT
2	Masse / COM
3	LIN



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