



ADVANTAGES

- Wide rating range
- Suitable for harsh environments
- High level of safety and reliability
- Numerous versions
- Attractive, flexible design

OFF-ROAD ROCKER SWITCH

EXAMPLES OF APPLICATION

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

PRODUCT FEATURES

- From 0.5 mA to 20 A at 12 V DC or 24 V DC
- Dust and water protection (IP 66 / IP 69), on demand also from terminal side
- Proven, self-cleaning snap-action switching system to prevent contact weldings
- Wide range of switching functions with up to four integrated LEDs for symbol and function illumination
- Different rocker designs and colors with various laser marking symbols (also customer-specific)

SPECIFICATIONS

Rating 12 V DC and 24 V DC	<ul style="list-style-type: none"> ➤ 100 mW 50E4 ➤ 7.5 A 24 V DC lamp – 5E4 ➤ 20 A 24 resistive – 10E4 		
Mechanical life endurance	500,000 actuations		
Switching system	Self-cleaning with relative movement of contacts		
Switching functions () = momentary SP = 1 pole DP = 2 poles	ON – OFF	(ON) – OFF	SP, DP
	ON – ON	(ON) – ON	SP, DP
	ON – OFF – ON	(ON) – OFF – (ON)	2 x SP
	(ON) – OFF – ON	ON – ON – ON	2 x SP
	(ON) – ON – (ON)	OFF – ON – ON	2 x SP
	OFF – ON – (ON)		2 x SP
Actuation force	Latching SP and 2 x SP: 17.3 N ± 5.2 N Latching DP: 16.2 N ± 4 N Momentary SP and 2x SP: 10 N ± 2.2 N		
Ambient temperature	-40 °C ... 85 °C		
Illumination	Up to four built-in LEDs for symbol illumination (green) and function illumination (red)		
Protection type	<ul style="list-style-type: none"> ➤ Actuation side IP 66 and IP 69 ➤ Terminal side IP 40 or IP 54 		

ACCESSORIES

- Various connectors
 - TE with secondary lock for female connectors (product number 217.849.011)
 - MARQUARDT for sealed terminal side (product number 219.057.011)
- JPT as female connector (product number 288.029.011)
- Panel seal (product number 343.171.011)
- Mounting frame for 22 x 44 mm cut-out (product number 217.879.011)
- Hole plug as dummy (product number 207.036.011)
- Expandable gang adaptor frames for individual installation openings
 - End piece (product number 217.877.011)
 - Middle piece (product number 217.878.011)
- Seal plug connector for MARQUARDT block connector (product number 343.196.011)
- Cable seal sleeve for MARQUARDT block connector (product number 343.197.011)

ON REQUEST

- Other ratings
- Locking function of the cap (top position, bottom position or both positions)
- Indicator lights with double LED illumination
- Various switch cap colors
- Customized cap designs
- Additional illumination colors

DRAWINGS

(Dimensions in mm)

