

SERIES 3250 – ROCKER SWITCH FOR OFF-ROAD VEHICLES

DUST AND WATER PROTECTION IP 66 / IP 68



ADVANTAGE

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

PRODUCT FEATURES

- From 0.5 mA to 20 A at 12 V DC or 24V DC
- Dust and water protection (IP 66 / IP 68), on demand also from terminal side
- Millions of weld preventing, self-cleaning snap-action switching systems sold with similar contact design
- Wide range of switching functions, with up to four integrated LEDs for backlighting and function illumination
- Several rocker shapes available in different colors and with various laser marking symbols (also customer-specific)

EXAMPLES OF APPLICATION

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

Rating 12 V DC and 24 V DC	→ 100 mW - 50E4 → 7.5 A 24Vdc 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 – none (ON) – OFF – none ON – ON – none (ON) – ON – none ON – OFF – ON (ON) – OFF – (ON) (ON) – OFF – ON ON – ON – ON (ON) – ON – (ON) OFF – ON – ON OFF – ON – (ON)	SP, DP SP, DP SP, DP SP, DP 2 x SP 2 x SP 2 x SP 2 x SP 2 x SP 2 x SP 2 x SP
Actuation force	7 N to 12 N ± 1.5 N	
Illumination	Up to 4 built-in LEDs: → background illumination (green) → function illumination (red)	
IP protection → Actuation side → Terminal side	IP 66 and 68 IP 40 or IP 67	
Ambient temperature	-40 °C ... +85 °C	

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ACCESSORIES

Various connectors:

- AK Tech (standard)
- TYCO (with secondary lock for female connectors)
- MARQUARDT (for sealed terminal side)

JPT and MCP as female connectors

Panel seal

Adaptor frame for 22 x 44 mm cut-out

Hole plug as dummy

Expandable gang adaptor frames for individual installation openings

ON REQUEST

Other rating

Locking function of the cap (top position, bottom position or both positions)

Indicator lights with double LED illumination

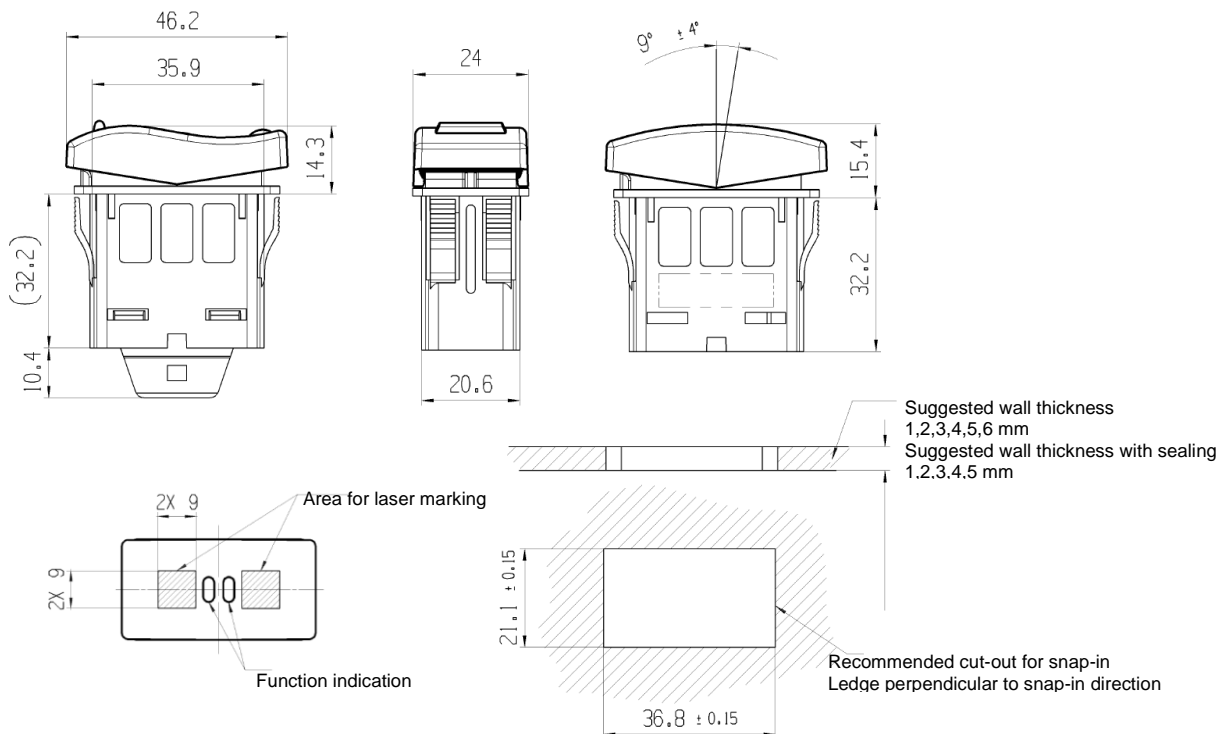
Other switch cap colors

Customized cap design

Additional illumination colors

DRAWINGS

(Dimensions in mm)



MARQUARDT

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