

SERIES 1881 – SINGLE POLE ROUND ROCKER SWITCH



ADVANTAGE

High rating

High endurance

Low installation depth

Attractive, flexible design


Various protection types

PRODUCT FEATURES

- Up to 12 (4) A 250 V AC or 15 A 125 / 250 V AC, inrush currents up to 70 A
- More than 100,000 switching cycles, switching concept with low-friction contact system, tried and tested a 100 million times
- For installation in limited spaces
- Attractive design round rocker with silk-matt surface, available in different colors and with various prints (also customer-specific)
- With integrated switching system cover for protection with IP 51

EXAMPLES OF APPLICATION

- Small household appliances
- Power tools
- Beauty care devices
- Cleaning equipment
- Illumination

Rating	
→ Europe	8 (8) A 250 V 5E4 12 (4) A 250 V
→ America	15 A 125 V AC 3/4 HP 15 A 250 V AC 1 1/2 HP
Mechanical life	10E4
Actuating force	3 N
Inrush peak current (capacitive)	70 A
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Creep resistance (Proof Tracking Index)	250 PTI
Protection type	IP 40 and IP 51 (depending on product)
Ambient temperature	
→ Terminal side	-20 °C ... +100 °C
→ Actuator side	-20 °C ... +55 °C
Flammability	UL 94 V-2 UL 94 V-0 (depending on product)
Glow wire test temperature	850 °C
Material	
→ Actuator	PA
→ Housing	PA
→ Terminals	Silver-plated
Plug force of the terminals	≤ 80 N
Approval marks	
Suitable for appliances of protection class II	

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VARIANTS

Basic type	Switching function	Terminal type	Miscellaneous
1881	ON/OFF (SPST)	Quick connect 4.8 x 0.8	With IP 51 switching system cover V-0 / G-compliant version Other switching functions, terminal types, colors and PVC protective cap on request
1883	Changeover switch (SPDT)	Quick connect 4.8 x 0.8	V-0 / G-compliant version Other switching functions, terminal types, colors and PVC protective cap on request
1888	Changeover switch with OFF position in the center (SPDT - center off)	Quick connect 4.8 x 0.8	V-0 / G-compliant version Other switching functions, terminal types, colors and PVC protective cap on request

DRAWINGS

(Dimensions in mm)

Wall thickness	X
0.75 – 1.25	21.2 ^{-0.1}
1.25 – 2.00	21.4 ^{-0.1}
2.00 – 3.00	21.8 ^{-0.1}

Cut-out

