

ROCKER SWITCHES

PRODUCT NUMBER 1835.1112



TECHNICAL DATA

Product number	1835.1112
Business unit	Switches, Sensors & Controls
Product Manager	-
Product family	Rocker switches
Actuation type	direct
Packing unit	150
Weight	11.500 g
ROHS conform	yes
Distributor	REPRO
Switching function	ON / OFF switch (DPST)
Material fixed contact	Cu silver-plated
Number of poles	2 - pole
connections	Quick-connect terminal, 4.8 x 0.8
Mechanical life endurance	10E4
Rating IEC	10 (4) A 250 V AC 1E4 6 (4) A 250 V AC 5E4
Rating North America	6 A 250 V AC 1/2 HP
Contact resistance (new condition)	< 100 (1 A 12 V DC) mOhm
Insulation resistance (new condition)	> 100 (500 V DC) MOhm
Voltage strength at 250 V	→ function insulation / basic insulation 1 500 V → reinforced insulation 3 000 V → small contact distance 500 V
Proof tracking	250 PTI
Insulation spacing	acc. to EN 61058 for reinforced or double insulation
Protection type	→ Connection IP 40 → Actuator IP 40
Ambient temperature	→ connection side -20 °C ... +85 °C
Ambient temperature	→ Actuation side min. -20 °C ... +55 °C
Storage temperature	-40 °C ... +80 °C
Flammability	UL 94 V-2
Glow wire test temperature	850 °C

Actuators and additional actuators	rocker: PC, transparent red, identification white
Housing description	housing: PA, black
Connection surface	→ bearing connection silver plated → external connection silver plated
Contact material	Ag
Contact distance	≥ 3 mm
Lighting	function illumination: glow lamp, 230 V, red
Rating Code UL	R 87
Contact type	lifting contact
Plug force of the terminals	≤ 80 N
Approval marks	CSA / UL / ENEC 05
Suitable for appliances of protection class	II
Additional labeling	site, year, week of manuf. acc. to DIN EN 60062
Type of fastening	Snap fastening
Degree of pollution	3
Rated impulse withstand voltage	2500 V

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

Marquardt GmbH · Schloss-Straße 16 · 78604 Rietheim-Weilheim · Germany
Phone: +49 (0) 7424 / 99-0 · Fax: +49 (0) 7424 / 99-2399 · www.marquardt.com · marquardt@marquardt.de