

ROCKER SWITCHES

PRODUCT NUMBER 1858.1104



TECHNICAL DATA

Product number	1858.1104	
Business unit	Switches, Sensors & Controls	
Product Manager	-	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	800	
Weight	6.000 g	
Switch on continuous current (capacitive)	5 A	
Inrush current (capacitive)	100 A	
ROHS conform	yes	
Output	catalog before 2009 / Web-Shop / catalog	
Distributor	EVG	
Switching function	ON / OFF switch (DPST)	
Material fixed contact	Ag	
Number of poles	2 - pole	
connections	Quick-connect terminal, 4.8 x 0.8	
Mechanical life endurance	10E4	
Rating IEC	16 (10) A 250 V AC 1E4 10 (10) A 250 V AC 5E4	
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	<ul style="list-style-type: none"> → function insulation / basic insulation → reinforced insulation → small contact distance 	<ul style="list-style-type: none"> 1 500 V 3 000 V 500 V
Proof tracking	250 PTI	
Insulation spacing	acc. to EN 61058 for reinforced or double insulation	
Protection type	<ul style="list-style-type: none"> → Connection → Actuator 	<ul style="list-style-type: none"> IP 40 IP 40

Ambient temperature	→ connection side	-20 °C ... +100 °C
Ambient temperature	→ Actuation side min.	-20 °C ... +55 °C
Storage temperature	-40 °C ... +80 °C	
Flammability	UL 94 V-0	
Glow wire test temperature	850 °C	
Actuators and additional actuators	rocker: PA, black, identification white	
Housing description	housing: PA, black, cover frame with injected identification	
Connection surface	→ bearing connection	silver plated
	→ external connection	silver plated
Contact material	Ag	
Contact distance	≥ 3 mm	
Contact type	lifting contact	
Plug force of the terminals	≤ 80 N	
Operating force	≤ 5 N	
Approval marks	cULus / ENEC 15	
Suitable for appliances of protection class	II	
EN 60335 cap. 30 conform "G"	yes	
Additional labeling	site, year, week of manuf.	
Additional labeling packing	0041.1760	
Type of fastening	Snap fastening	
Stock version	●	

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