

# ROCKER SWITCHES

PRODUCT NUMBER 1838.1958



## TECHNICAL DATA

<b>Product number</b>	<b>1838.1958</b>	
Business unit	Switches, Sensors & Controls	
Product family	Rocker switches	
Actuation type	direct	
Packing unit	200	
Weight	8.090 g	
ROHS conform	yes	
Customer	EVG / Trilux	
Switching function	Changeover switch with OFF position in the center (SPDT - Center OFF)	
Material fixed contact	gold-plated	
Number of poles	1 - pole	
connections	Quick-connect terminal, 4.8 x 0.8	
Mechanical life endurance	1E6	
Rating IEC	20 mA 12 V DC TI05/55	
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 67
Ambient temperature	→ connection side	-20 °C ... +105 °C
Ambient temperature	→ Actuation side min.	-20 °C ... +55 °C
Flammability	UL 94 V-2	

Glow wire test temperature	850 °C				
Actuators and additional actuators	rocker: ULTRAMID A3K black 00464, black, identification white				
Housing description	housing: PA, black, for IP 67 (sunken installation recommended)				
Connection surface	<table border="0"> <tr> <td>→ bearing connection</td> <td>silver plated</td> </tr> <tr> <td>→ external connection</td> <td>silver plated</td> </tr> </table>	→ bearing connection	silver plated	→ external connection	silver plated
→ bearing connection	silver plated				
→ external connection	silver plated				
Contact material	gold plated				
Contact distance	≥ 3 mm				
Contact type	lifting contact				
Plug force of the terminals	≤ 80 N				
Approval marks	ENEC 05				
Suitable for appliances of protection class	II				
Additional labeling	Herstellort, -jahr, -monat				
Type of fastening	Snap fastening				

Technical changes reserved. Dimensions are not binding.

Detailed specifications available on request.

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