

# ➔ SERIES 1840 - SINGLE AND DOUBLE-POLE PUSHBUTTON SWITCHES

TO 6 (4) A 250 V AC






## PRODUCT FEATURES

- ➔ 100 million times proven switching principle with long life endurance with 100 000 mechanical switching cycles
- ➔ Fastening by round nut M12
- ➔ Excellent actuating characteristic
- ➔ Variant for snapping on customized pushbuttons

## ON REQUEST




















- ➔ Higher power with 6 (6) A 250 V AC
- ➔ Other terminal types
- ➔ Cable assembly

Mechanical life endurance	10E4
Contact resistance (new condition)	< 100 mOhm (1 A 12 V DC)
Insulation resistance (new condition)	> 100 MOhm (500 V DC)
Proof tracking	250 PTI
Protection type	IP 40
Ambient temperature	terminal side -20 °C ... +100 °C actuating side -20 °C ... +55 °C
Flammability	UL 94 V-2
Glow wire test temperature	850 °C
Material actuator housing terminals	PA PA glass fiber-reinforced / PA silver plated
Plug force of the terminals	≤ 80 N
Approval marks	 /  / 
Suitable for appliances of protection class II	










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 single-pole	Actuator color / printing	Housing color	6 (4) A 250 V AC 5E4	6 (2) A 250 V AC 5E4	6 A 250 V AC 1/2 HP	6 A 125 V AC 1/4 HP	6 A 125 - 250 V AC 1/8 HP	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
	ON / OFF switch (SPST)												
1841.1101			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		<input type="radio"/>
1841.6101			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag	snap-on actuator caps see page 119	
Normally closed contact (SPNC)													
1841.1301			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		<input type="radio"/>
Normally open contact (SPNO)													
1841.1201			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		<input type="radio"/>
Changeover switch (SPDT)													
1843.1101			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		
Changeover switch (SPDT momentary)													
1843.1201			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		<input type="radio"/>

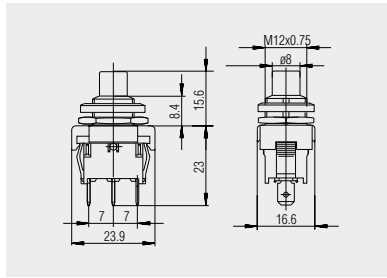
 double-pole	Actuator color / printing	Housing color	6 (4) A 250 V AC 5E4	6 (2) A 250 V AC 5E4	6 A 250 V AC 1/2 HP	6 A 125 V AC 1/4 HP	6 A 125 - 250 V AC 1/8 HP	Terminal type	Terminal description	Contact distance (mm)	Contact material	Miscellaneous	Stock version
	ON / OFF switch (DPST)												
1842.1101			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag		
1842.6101			<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		4.8	≥ 3	Ag	snap-on actuator caps see page 119	

ROTARY SWITCHES  
 PUSHBUTTON SWITCHES  
 TOGGLE SWITCHES  
 SLIDE SWITCHES  
 ROTARY SWITCHES  
 FOOT SWITCHES  
 TACT AND KEY SWITCHES  
 SNAP-ACTION SWITCHES  
 MICRO-SIGNAL SWITCHES  
 SENSORS  
 ECO  
 PUSH/DRIVE  
 ROCKER SWITCHES



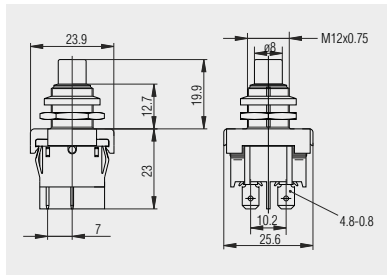
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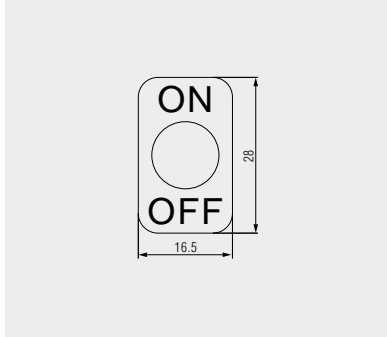
Basic types 1841 and 1843  
single-pole

Quick-connect terminal 4.8 x 0.8



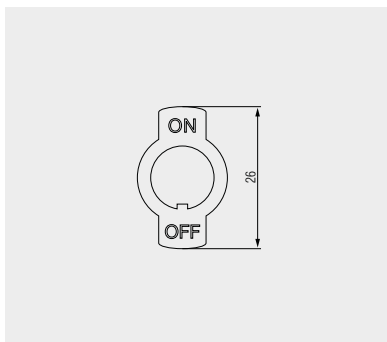
Basic type 1842  
double-pole

Quick-connect terminal 4.8 x 0.8



Aluminum identification plate to plugging on and with black inscription "ON" and "OFF"

Identification plate  
240.001.011



Identification plate made of CuZn nickel-plated for plugging on as well as with twist protection and stamped inscription "ON" and "OFF"

Identification plate  
240.002.011

ROCKER SWITCHES

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TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH/DRIVE

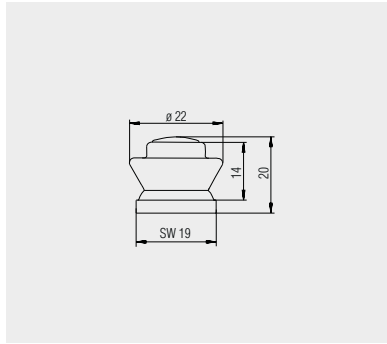


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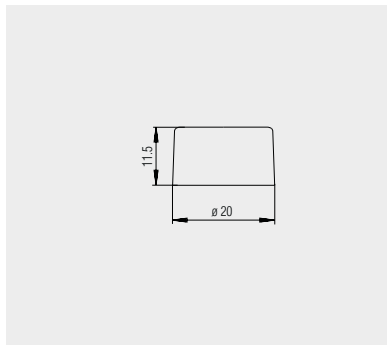
Protection cap  
343.002.023



Neopren®-cap for pushbutton (M12 x 0.75) basic type 1840 as dust and water protection. Pushbutton plate on top of cap is CuZn nickel plated.



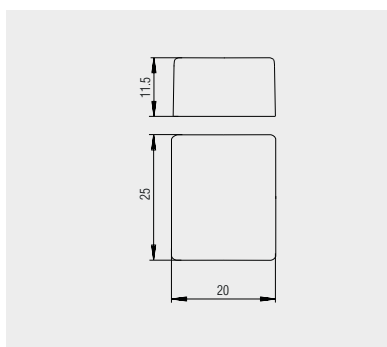
Pushbutton  
205.008.011



Pushbutton made of PA black, with diameter 20 mm for assembly by customer on 1841.6101 and 1842.6101



Pushbutton  
203.106.011



Pushbutton made of PA black, rectangular 20 x 25 mm for assembly by customer on 1841.6101 and 1842.6101

ROCKER SWITCHES

PUSHBUTTON SWITCHES

TOGGLE SWITCHES

SLIDE SWITCHES

ROTARY SWITCHES

FOOT SWITCHES

TACT AND KEY SWITCHES

SNAP-ACTION SWITCHES

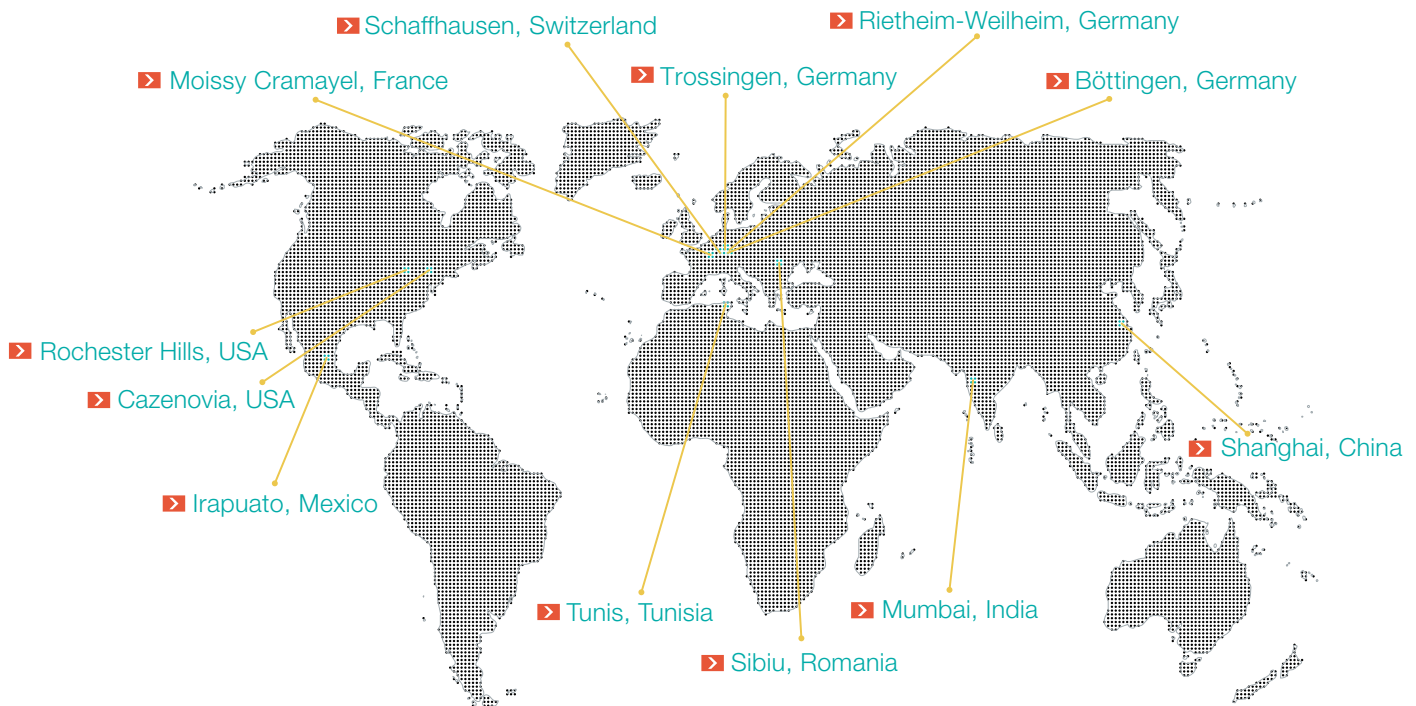
MICRO-SIGNAL SWITCHES

SENSORS

ECO

PUSH-IN DRIVE

# MARQUARDT INTERNATIONAL.



## HEADQUARTERS

### Marquardt Mechatronik GmbH

Schloss-Straße 16  
78604 Rietheim-Weilheim / GERMANY  
Tel. +49 (0)74 24/99-0  
Fax +31 (0)74 24/99-2399  
marquardt@marquardt.com  
[www.marquardt.com](http://www.marquardt.com)

## Geuken



## DISTRIBUTOR

### GEUKEN B.V.

Wattstraat 25a  
2723 RA Zoetermeer / NETHERLANDS  
Tel. +31 (0)79 361 60 70  
Fax +31 (0)79 361 40 90  
info@geuken.nl  
[www.geuken.nl](http://www.geuken.nl)