

Technical data // SMC-D 131 AK - 2

Dual Push Button Switches

Dual push button switch



Highlights

Contacts with abrasion resistant hard gold plating

100 % electronic final inspection and testing

Mechanical Data

Width	7.62 mm
Perm. ambient temperature	-20 °C ... +80 °C
Mechanical lifetime	1.000.000 steps
Operating force	approx. 4.0 N
Weight	approx. 4.0 g
Digit height 10-digit	4.9 mm
Digit height 16-digit	3.4 mm
Click action	marked
Sinus-vibration testing	acc. EN 60068-2-6
Shock testing	acc. EN 60068-2-27

Electrical Data

Operating voltage	$\leq 40.0 \text{ V}$
Contact load, dynamic (resistive)	$\leq 100.0 \text{ mA}$
Contact load, static	$\leq 1.0 \text{ A}$
Contact resistance for PCB AK (measured from supply line to output)	$< 100.0 \text{ mOhm}$

Material

Housing	PPO
Contact surface	Au over Ni on Cu
Sliding contact	Au over Ni on CuSn6



PTR HARTMANN

A Phoenix Mecano Company

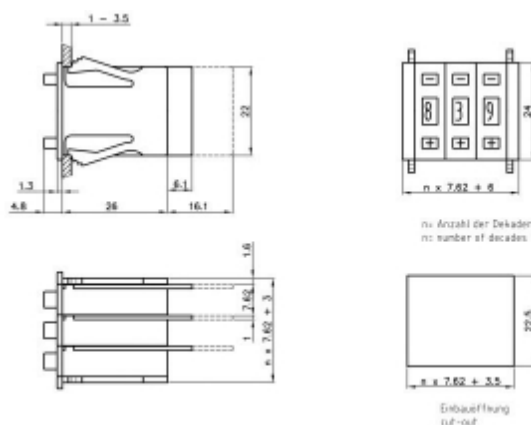
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Technical Drawing



Configuration

Codes

Code 131

BCD					
	C	1	2	4	8
0	●				
1	●	●			
2	●		●		
3	●	●	●		
4	●			●	
5	●	●		●	
6	●		●	●	
7	●	●	●	●	
8	●				●
9	●	●			●

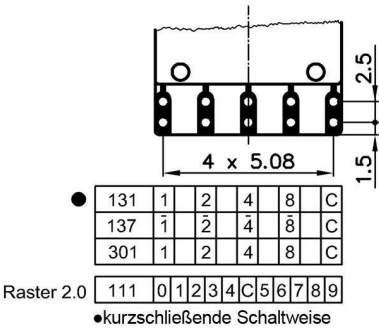
BCD, 10



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PCB



Short

Suffix

Without solder pins

Colour

Housing black, drum black,
digits white