

**PTR HARTMANN**

A Phoenix Mecano Company

Technical data // **SMC-D 137 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	≤ 40.0 V
Contact load, dynamic (resistive)	≤ 100.0 mA
Contact load, static	≤ 1.0 A
Contact resistance for PCB AK (measured from supply line to output)	< 100.0 mOhm

Material

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



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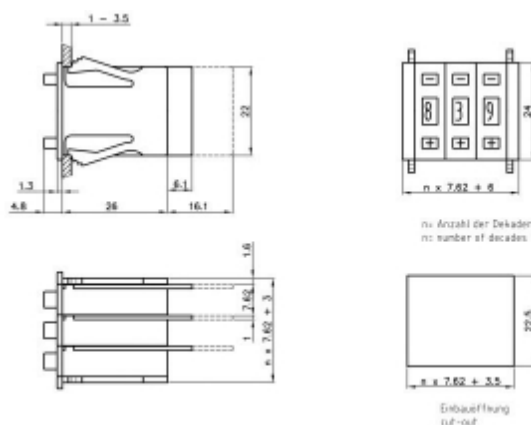
Technical data

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Technical Drawing



Configuration

Codes

Code 137

BCD Complement					
	C	$\bar{1}$	$\bar{2}$	$\bar{4}$	$\bar{8}$
0	●	●	●	●	●
1	●		●	●	●
2	●	●		●	●
3	●			●	●
4	●	●	●		●
5	●		●		●
6	●	●			●
7	●				●
8	●	●	●	●	
9	●		●	●	

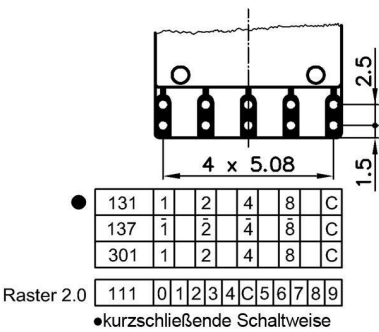
BCD Complement, 10



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PCB



Short

Suffix

Without solder pins

Colour

Housing black, drum black,
digits white