

**PTR HARTMANN**

A Phoenix Mecano Company

Technical data // SMC-D 131 AL LS 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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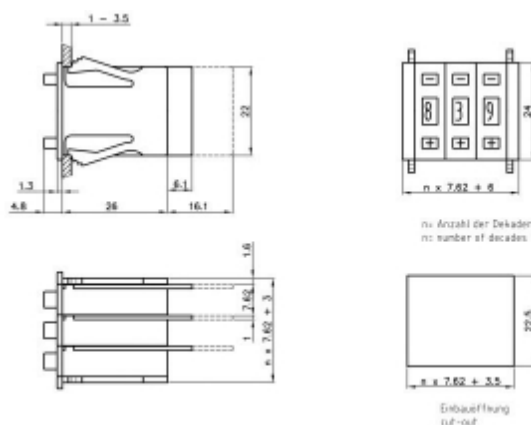
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Technical Drawing



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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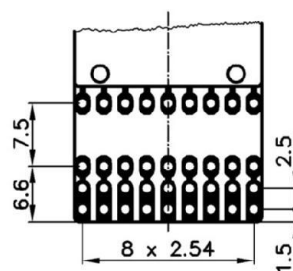
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PCB



131	1	2	4	8	C
137	1	2	4	8	C
141	1	2	4	C	1 2 4 8
301	1	2	4	8	C

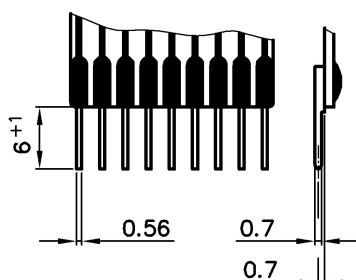
Raster 2.0

111	0	1	2	3	4	C	5	6	7	8	9
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•kurzschließende Schaltweise

Long (on request)

Suffix



Solder pins for PCB

Colour

Housing black, drum black,
digits white