

**PTR HARTMANN**

A Phoenix Mecano Company

Technical data // **SMC-D 111 AL - 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



PTR HARTMANN

A Phoenix Mecano Company

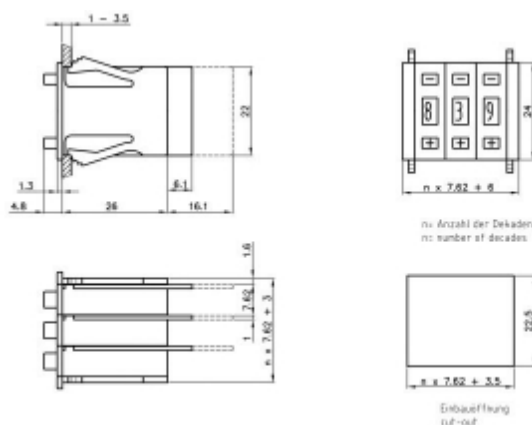
Technical data

// SMC-D 111 AL - 2

Dual Push Button Switches

Dual push button switch

Technical Drawing



Configuration

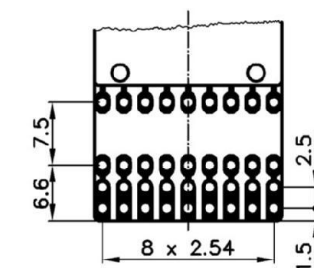
Codes

Code 111

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

Decimal, 10

PCB



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

Raster 2.0 111 0 1 2 3 4 C 5 6 7 8 9
●kurzschließende Schaltweise

Long (on request)

Suffix

Without solder pins

Colour

Housing black, drum black,
digits white