

**Technical data // SMC-D 301 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



PTR HARTMANN

A Phoenix Mecano Company

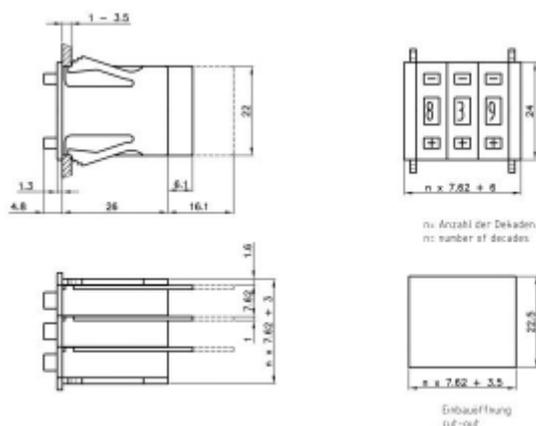
Technical data

// SMC-D 301 AK - 2

Dual Push Button Switches

Dual push button switch

Technical Drawing



Configuration



Technical data

// SMC-D 301 AK - 2

Dual Push Button Switches

Dual push button switch

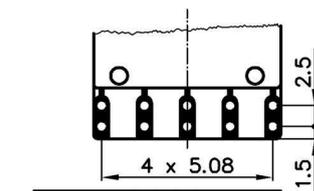
Codes

Code 301

Hexadecimal					
	1	2	4	8	C
0					●
1	●				●
2		●			●
3	●	●			●
4			●		●
5	●		●		●
6		●	●		●
7	●	●	●		●
8				●	●
9	●			●	●
A		●		●	●
B	●	●		●	●
C			●	●	●
D	●		●	●	●
E		●	●	●	●
F	●	●	●	●	●

Hexadecimal, 16

PCB



●	131	1	2	4	8	C
	137	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

Short

Suffix

Without solder pins

Colour

Housing black, drum black, digits white