Serie PA

Characteristics

- Selector switches with very small dimensions for front-mounting.
- 10 or 16 switching positions. Housing black.
- Indirect operation upon request.
- Extended PCB for mounting of additional components available.
- Connection with Q.C. terminal or solder pins
- Ilumination upon request.



Technical data

Operating force	approx. 300 cN (with tactile feeling)
Contact resistance	0,1 Ω max.
Insulating resistance	10^3 M Ω
Dielectric strength	500 V⎓
Electrical rating (ohmic restistance)	0,1 A/50 V≃
Max. current (non switching current)	1A
Temperature	-20 bis +80 °C
Life cycle (mechanical)	10^6 operations
Shock	50 g, 11 ms
Vibration	15 g, 10-2000 Hz
Weight	approx. 2 g

Materials

Housing material	PPO (Noryl)
Contacts	WE alloy No. 2
Printed circuit board	G 10 (FR 4) Glass filled epoxy, copper-plated Au over Ni

Mounting

Front-mounting, snap-in end-caps. Mounting of units through integrated pins.

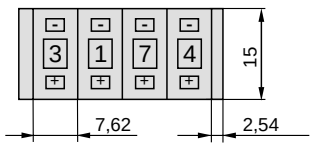
Stops

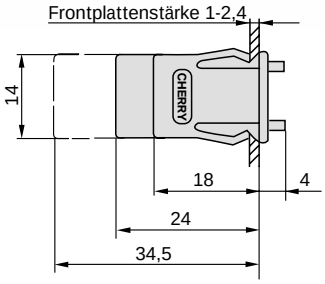
Setting through factory only.

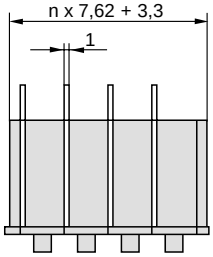
Terminals

Q.C. terminal gold-plated or solder pins.

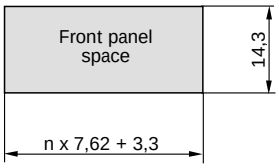
Dimensions in mm



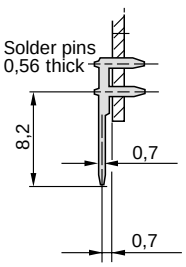




Schalt-Positionen	Fenster-Ausschnitt	Ziffern-Höhe
10	B=3,6 H=4	3
16	B=3,6 H=2,5	1,8

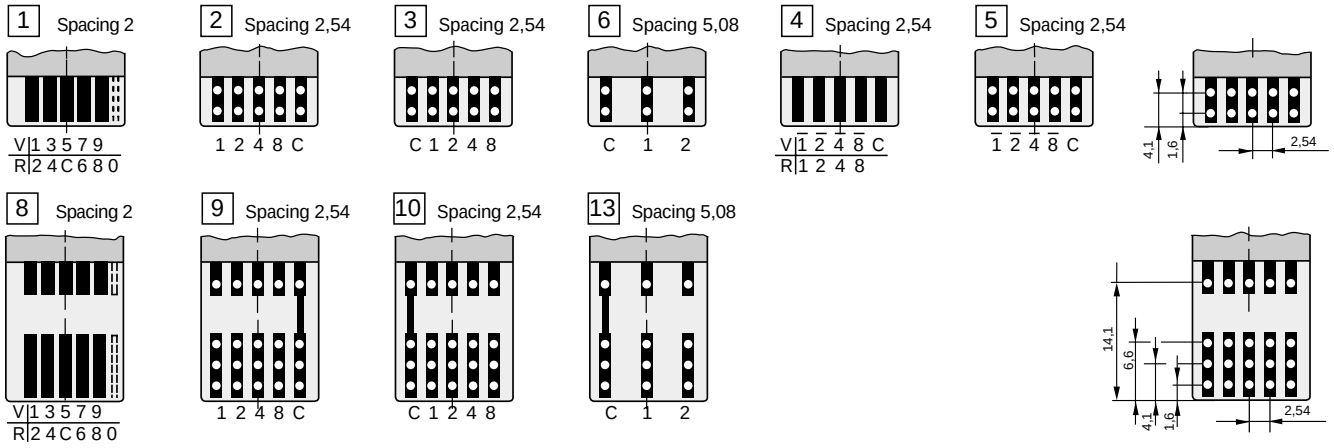


Solder pins not available for codes "Decimal" and "BCD + complement"



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PCB terminals



Codes b

Switching position	Code Other codes on request	Readout	Truth table no (refer to page 3)	PCB-terminal no.	PCB short	PCB extended	Code
10	Dezimal	0 - 9	2	1/8	•	•	A
10	BCD	0 - 9	1	2/9	•	•	C
10	BCD Complement	0 - 9	11	5	•		E
10	BCD + Complement	0 - 9	8	4	•		F
10	Single pole repeating	+/– alt.	4	6/13	•	•	P
16	Hexadecimal	0 - 15	5	3/10	•	•	G
16	Hexadecimal	0 - 9, A - F	5	3/10	•	•	H

Terminals c

Terminals	Index
Q.C. terminals	A
Solder pins	F

PCB versions d

PCB version	Index
short	3
extended	4

Accessories for assembly

	Stock codes
Endcap left	609-0801
Endcap right	609-0799
Housing 7,62 mm	609-0797
Spacer 2,54 mm	609-0803

Example

PA:	Series
C:	Code BCD
A:	Q.C. terminal
3:	PCB short
4:	4 indiv. Switches, completely assembled with endcaps
00:	Standard version

Ordering index

a	b	c	d	e	f
PA	C	A	- 3	4	00

e Single switch or qty. or assembled switches (1 – 9) with endcaps

f Version (Standard = 00)

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