

Series PA

Technical specifications

Operating force	ca 300cN (with tactile feeling)
Contact resistance	0,1 Ω max
Insulating resistance	10 ⁹ M Ω
Dielectric strength	500V ~
Electrical rating (ohmic resistance)	0,1 A/50 V≈
Max. current	0,5 A (not switchable)
Temperature	-20 to +80 °C
Life cycle (mechanical)	10 ⁶ operations
Shock	50g, 11 ms
Vibration	15g, 10–2.000Hz
Weight	ca. 2g
Materials:	
Housing material	PPO (Noryl)
Contacts	High-quality gold alloy
Printed circuit board	G 10 (FR 4), optical fibre-reinforced circuit board, copper-plated; Au over Ni
Mounting	Front-mounting, snap-in endcaps. Mounting of units through integrated pins.
Stops	setting through factory only
Terminal	Q.C. terminal gold-plated

Features

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

Codes (2)

Switching position	Code	Readout	Truth table-no. (refer to description)	PCB terminal	PCB terminal, short	PCB terminal, extended	Code
10	Decimal	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	+/- abw.	4	6/13	•	•	P
16	Hexadecimal	0–15	5	3/10	•	•	G
16	Hexadecimal	0–9, A–F	5	3/10	•	•	H

Terminals (3)

Terminals	Code
Q.C. terminal	A

PCB versions	Code
short	3
extended	4

Accessories

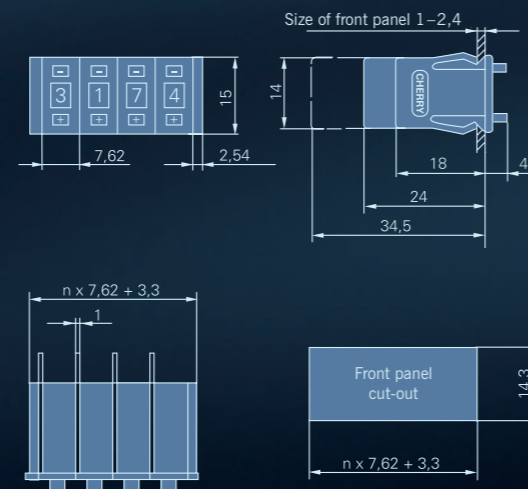
	Stock codes
Endcap left	609–0801
Endcap right	609–0799
Housing, 7,62 mm	609–0797
Spacer, 2,54 mm	609–0803

PCB versions (4)

For detailed information and the layout of the details described above, please do not hesitate to ask for our technical specifications and drawing.

Switching position	Window cutout	Number height
10	B = 3,6 H = 4	3
16	B = 3,6 H = 2,5	1,8

Dimensions in mm



PCB terminals

