

Series PB

Characteristics

- Selector switches with only 6 mm width for compact building of blocks with a larger number of modules.
- 10 switching positions.
- Housing black.
- Connection with solder pins



Technical data

Operating force	approx. 300 cN (with tactile feeling)
Contact resistance	0,1 Ω max.
Insulating resistance	10 ⁹ M Ω
Dielectric strength	500 V-
Electrical rating (ohmic resistance)	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
Printed circuit board	FR 3, copper-plated Au over In

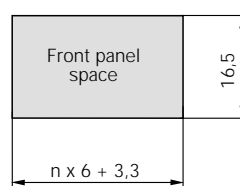
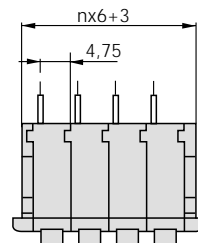
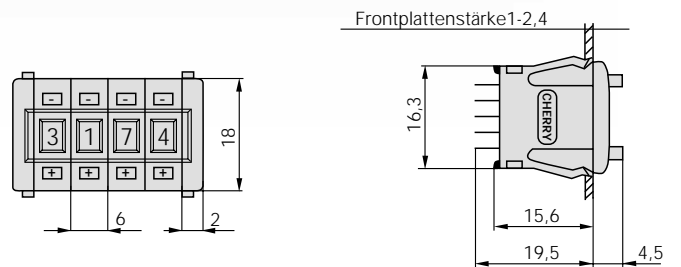
Mounting

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

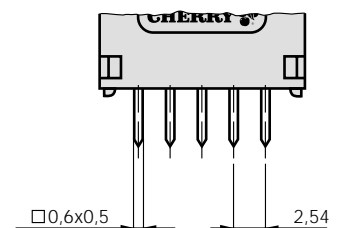
Stops Terminals

Setting through factory only.
Solder pins: 0,6 x 0,5 (spacing 2,54)

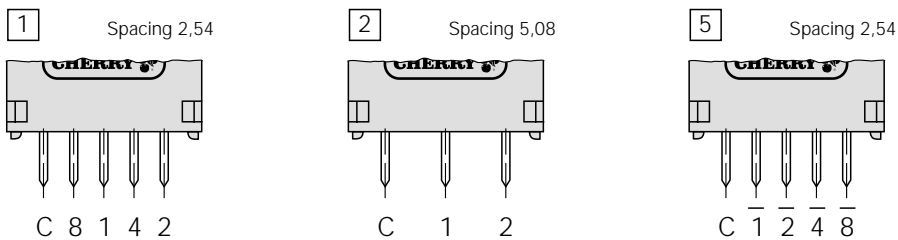
Dimensions in mm



Switching positions	Readout dimensions	Height of legends
10	B=3 H=4	3



PCB terminals



Switching position	Code	Readout	Truth table no.- PCB terminal (refer to page 3)	PCB terminal no.	Code
10	BCD	0 - 9	1	1	C
10	BCD Complement	0 - 9	11	5	E
10	Single pole repeating	+/- alt.	4	2	P

Terminals c

Terminals	Index
Solder pins	1

PCB versions d

PCB version	Code
PCB flush with housing with solder pins	E

Accessories for assembly

Stock codes.

Endcap left	609-1346
Endcap right	609-1347
Housing 6 mm	609-1348

Example

PB: Series
C: Code BCD
1: Solder pins
E: PCB flush with housing
4: 4 indiv. switches, completely assembled with endcaps
00: Standard version

Ordering index

a	b	c	d	e	f
PB	C	1	E	4	00

e Single switch or qty. or assembled switches (1 - 9) with endcaps
 f Version (Standard = 00)