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



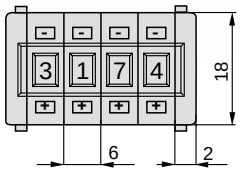
Technical data

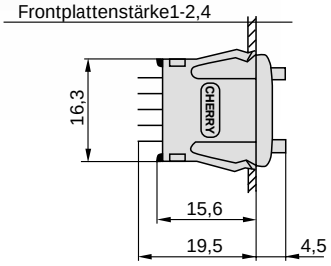
Operating force	approx. 300 cN (with tactile feeling)
Contact resistance	0,1 Ω max.
Insulating resistance	10^3 M Ω
Dielectric strength	500 V⎓
Electrical rating (ohmic restistance)	0,1 A/50 V≃
Max. current (non switching current)	1A
Temperature	-20 bis +80 °C
Life cycle (mechanical)	10^6 operations
Shock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

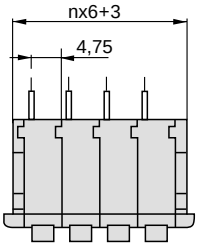
Materials

Housing material	PPO (Noryl)
Contacts	WE alloy
Printed circuit board	FR 3, copper-plated Au over In
Mounting	Front-mounting, snap-in end-caps. Mounting of units through integrated pins.
Stops	Setting through factory only.
Terminals	Solder pins: 0,6 x 0,5 (spacing 2,54)

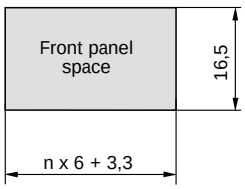
Dimensions in mm

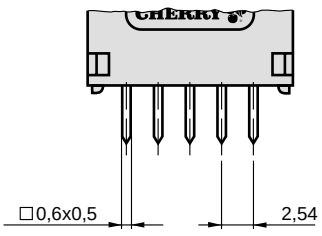






Switching positions	Readout dimensions	Height of legends
10	B=3 H=4	3

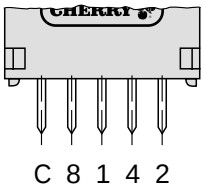




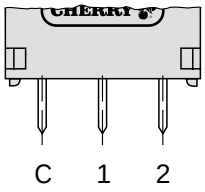
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PCB terminals

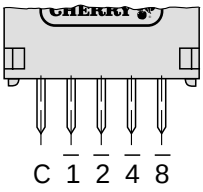
1 Spacing 2,54



2 Spacing 5,08



5 Spacing 2,54



Switching position	Code	Readout	Truth table no.- (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)

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