Series PE

Characteristics

– Selector switches for easy snap in front-mounting.
– 10 or 16 switching positions. Housing black.
– For switches with 10 switching positions stops can be installed in the field.
– Ilumination upon request.



Technical data

Operating force	approx. 400cN (with tactile feeling)
Contact resistance	0,1 Ω max.
Insulating resistance	10^3 MΩ
Dielectric strength	500 V⎓
Electrical rating (ohmic resistance)	0,1 A/50 V≃
Max. current (non switching current)	1 A
Temperature	-20 to +80 °C
Life cycle (mechanical)	10^6 operations
Shock	50 g, 11 ms
Vibration	15 g, 10-2000 Hz
Weight	approx. 4 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 endcaps. Mounting of units through integrated pins.

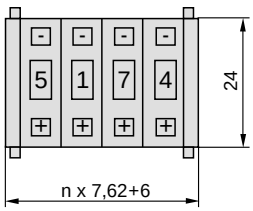
Stops

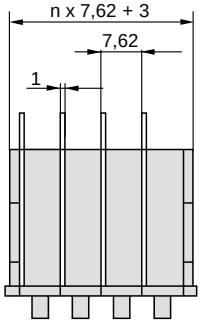
Setting through factory or afterwards in the field (10 switching positions). With 16 switching positions stops can only be set in the factory.

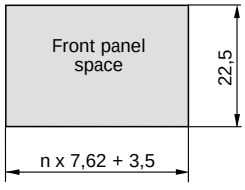
Terminals

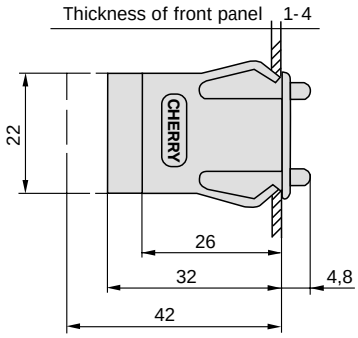
Q.C. terminal gold-plated or solder pins.

Dimensions in mm

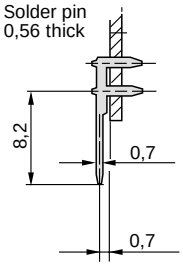






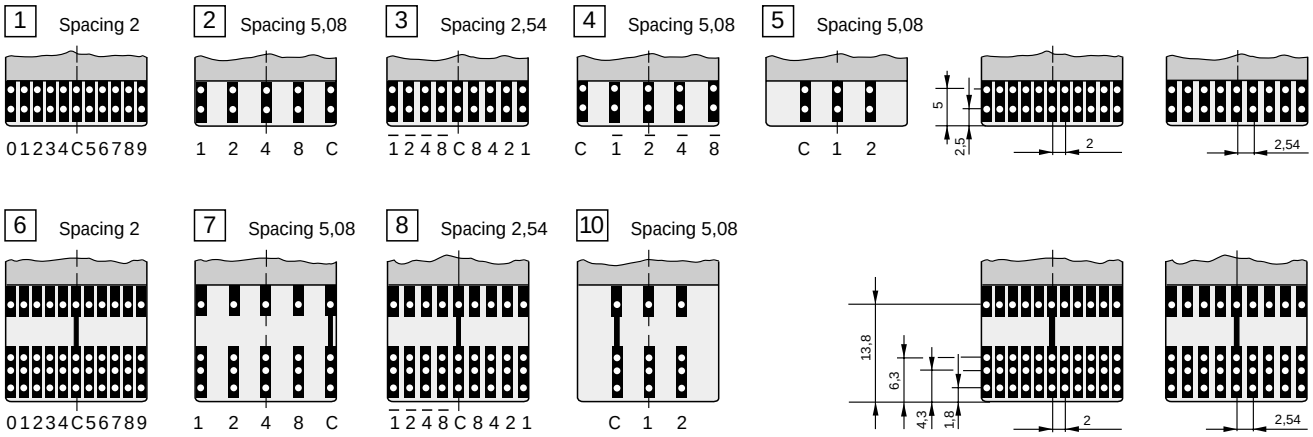


Switching positions	Readout dimensions	Height of legends
10	B=4 H=7	5
16	B=3,8 H=4	3,4



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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	Decimal	0 - 9	2	1/6	•	•	A
10	BCD	0 - 9	1	2/7	•	•	C
10	BCD Complement	0 - 9	11	4	•		E
10	BCD + Complement	0 - 9	8	3/8	•	•	F
10	Single pole repeating	+/– alt.	4	5/10	•	•	P
16	Hexadecimal	0 - 15	5	2/7	•	•	G
16	Hexadecimal	0 - 9, A - F	5	2/7	•	•	H

Terminals c

Terminals	Index
Q.C. terminal	A
Solder pins	F

PCB versions d

PCB version	Index
short	3
extended	4

Accessories for assembly

	Stock codes
Endcap left	609-0754
Endcap right	609-0756
Housing 7,62 mm	609-0752
Spacer 2,54 mm	609-0760
Spacer 2,54 mm without snap-in brackets	609-1609
Stop pin	607-0013

Example

PE:	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
PE	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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