

# 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.
- Illumination upon request.



## Technical data

Operating force	approx. 400cN (with tactile feeling)
Contact resistance	0,1 $\Omega$ max.
Insulating resistance	10 <sup>3</sup> M $\Omega$
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 <sup>6</sup> 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.

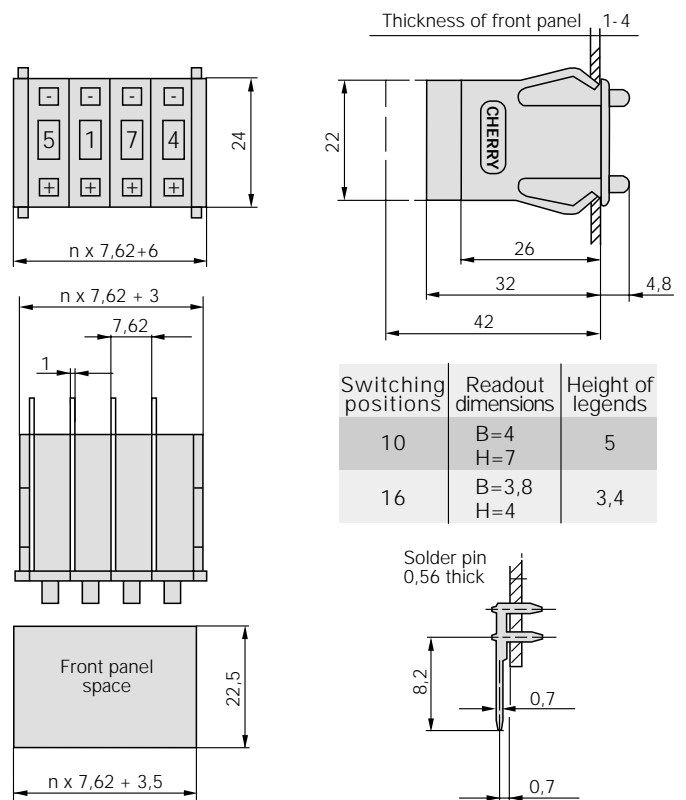
## Stops

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

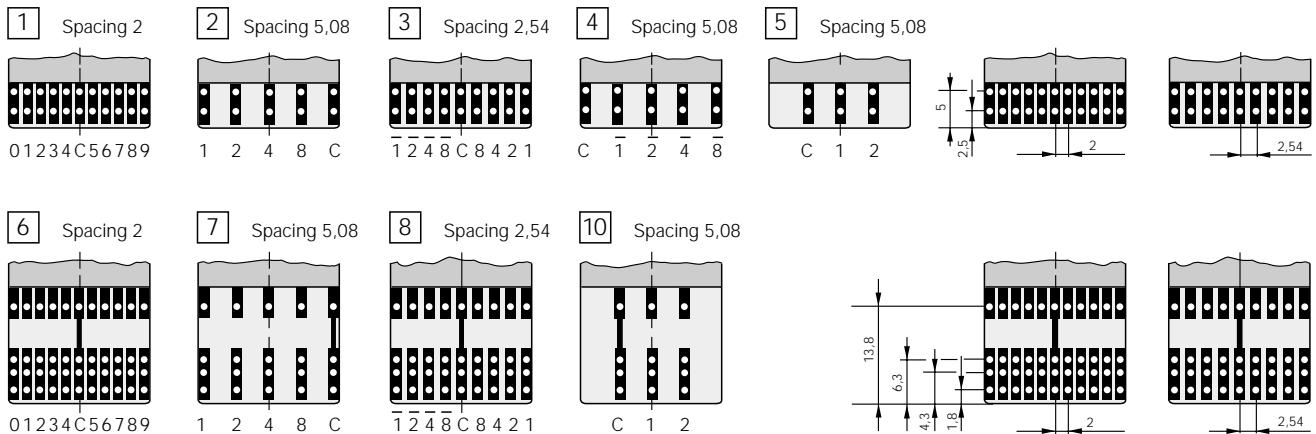
## Terminals

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

## Dimensions in mm



## 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

Accessories	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)