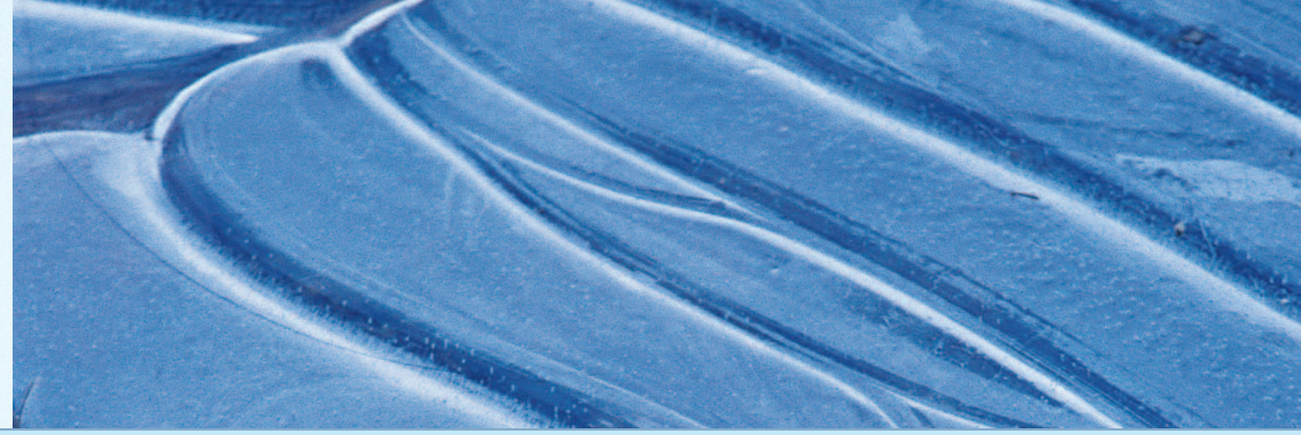
SELECTOR SWITCHES

Series PE



Technical specifications

Operating force	ca 400 cN (with tactile feeling)
Contact resistance	0,1 Ω max
Insulating resistance	10^3 M Ω
Dielectric strength	500 V ~
Electrical rating (ohmic resistance)	0,1 A/50 V≃
Max. current (non switching c.)	1 A
Temperature	– 20 bis +80 °C
Life cycle (mechanical)	10^6 operations
Shock	50 g, 11 ms
Vibration	15 g, 10 – 2.000 Hz
Weight	ca. 4 g
Materials:	
Housing material	PPO (Noryl)
Contacts	High-quality gold alloy
Printed circuit board	G10 (FR 4) optical-fibre reinforced circuit board, copper-clad; design: 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.
Terminal	Q.C. terminal gold-plated

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 = 4 H = 7	5
16	B = 3,8 H = 4	3,4

Features

- Standard-Selector switches for easysnap in front-mounting
- 10 or 16 switching positions
- For switches with 10 switching positions stops can be installed in the field

Codes (2)

Switching position	Code	Readout	Truth table-no. (refer to description)	PCB terminal	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 (3)

Terminals	Code
Q.C. terminal	A

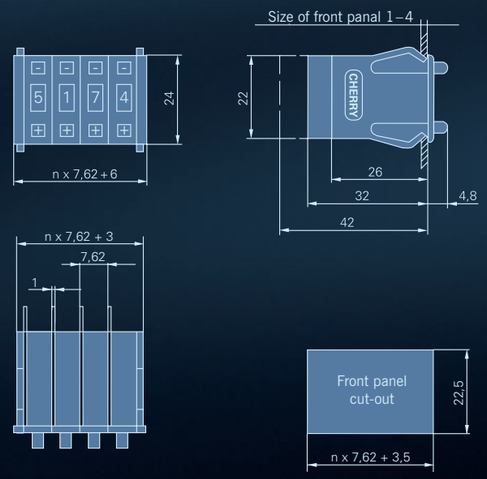
PCB versions (4)

PCB version	Code
short	3
extended	4

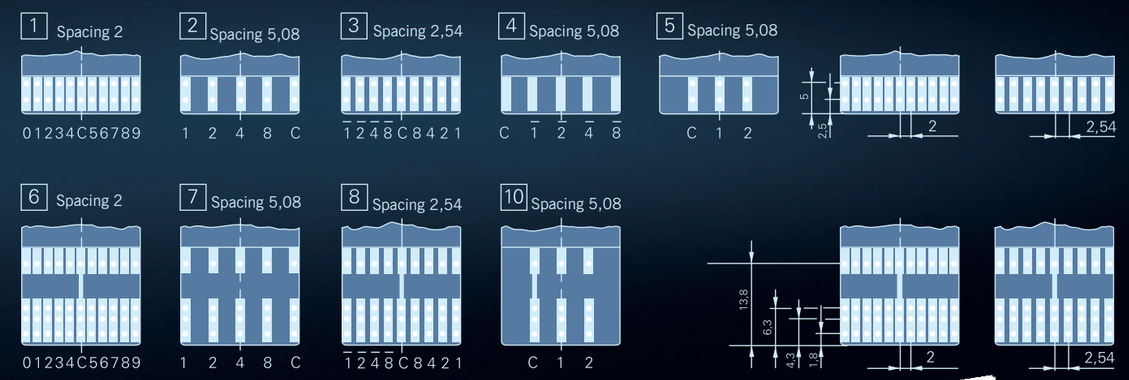
Accessories

	Bestell-Nr.
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

Dimensions in mm



PCB terminals



PLEASE NOTE

CHERRY will become ZF in 2017.