EBE

Flat Rotary Switch FL/FS



Flat switch for direct soldering to printed circuits.

- Type FL with roller indexing, mounting height only 9,8 mm.
- Type FS with plastic indexing, mounting height only 10,4 mm.
- Max. 8 wafers per switch, type FL.
- Up to 6 circuits per wafer, type FL.
- Optional shorting or non-shorting switching mode.
- Insertable in 24-pole IC-sockets.
- Pins can be subsequently adjusted by stops.
- Fixing on PC board with 2 screws M2.
 For type FS with 4 screws M2 or 4 soldering pins.
- Fixing in front panel: Two-point mounting M2 or central mounting with or without non-turn protection.

Special designs:

- watertight against front panel.
- enlarged distance between wafers.
- concentric shaft mechanism (hollow shaft).
- spring return function for first or last switch position.

1.0 Construction	
1.1 Number of wafers max.	8 wafers, Type FL \cdot 5 wafers, Type FS
1.2 Switching combinations per wafer Design B, detent angle 60°	
Design E, detent angle 30°	1x12 to 1x2; 2x6 to 2x2; 3x4 to 3x2; 4x3 to 4x2 – Typ FL: 6x2
1.3 Contacts	Soldering pins, pluggable
1.4 Mounting on PC panel	Type FL/FS: Screws M2 or soldering lugs
1.5 Mounting at front panel	Central mounting or screws M2
0.0 Florida - I Data	A . A II \ / !

ta	AuNi-Version
er max.	3 VA/W
ige max.	60 V-
ent max.	0,1 A
ax. at ∂u 20°C	2A
between contacts	800 V
contact/ground	780 V
y without power	≥ 25 000 cycles
ince initial value	$<$ 30 m Ω
tance	$10^{11}\Omega$

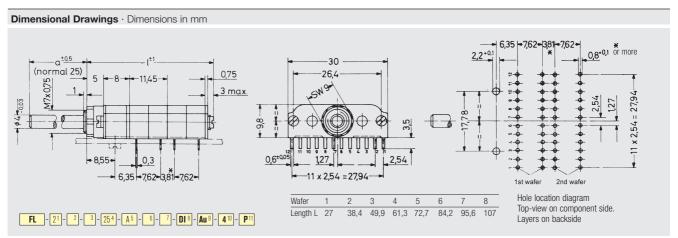
3.0 Mechanical Data	
3.1 Stops	Adjustable
3.2 Operating torque acc. number of circuits	≥3 Ncm
3.3 Stop strength	≥70 Ncm
3.4 Dust protection	Sealed wafers

4.0 Other Data		
4.1 Contact material		Au over Ni barrier layer
4.2 Insulating material	Wafer	Diallylphthalate, DAP; Code DI
	Rotor	Polyamide, PA
4.3 Soldering time and	I temperature	5s at 260°C

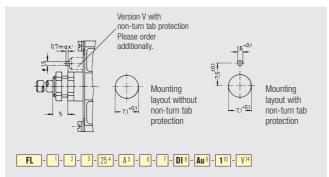


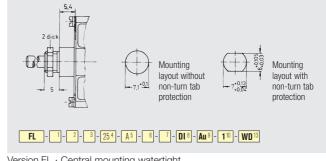
we create solutions

The bold-typed data in the yellow order blocks remain unchanged. Normal-typed data match the drawings and can be modified according to your wishes. Blanks need to be completed according to the ordering details on the inside front cover.



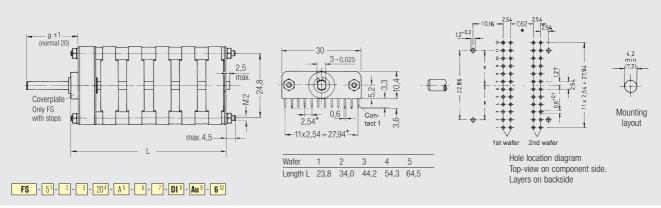
Version FL



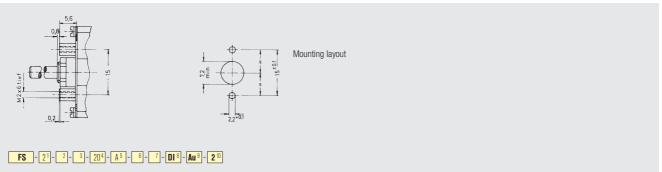


Version FL · Central mounting

Version FL · Central mounting watertight



Version FS



Version FS · Two-point mounting