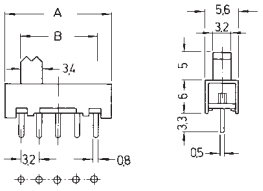
Miniature Slide Switches

Specifications:

Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Contact timing:	non-shorting
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 3 sec, 260° C ± 5° C

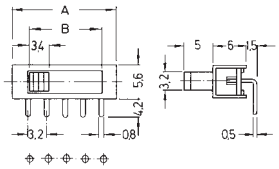
Models:	Operating positions		Length (mm) A	B
MFP 120	2		11,0	6,6
MFP 130	3		15,0	10,0
MFP 140	4		18,2	13,2
MFP 150	5		21,4	16,4



MFP 140



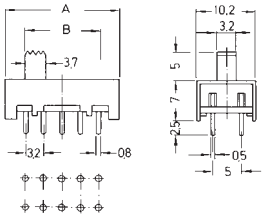
MFP 120 – R	2		11,0	6,6
MFP 130 – R	3		15,0	10,0
MFP 140 – R	4		18,2	13,2
MFP 150 – R	5		21,4	16,4



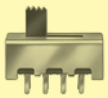
MFP 140 – R



MFP 220	2		13,6	6,9
MFP 230	3		16,8	10,1
MFP 240	4		20,0	13,3
MFP 250	5		23,2	16,5
MFP 260	6		26,4	19,7



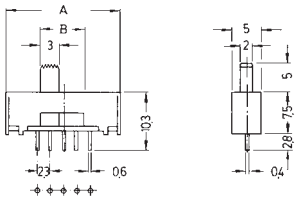
MFP 240



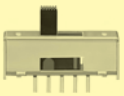
Specifications:

Contact rating:	30 V DC, 350 mA
Contact resistance:	< 25 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Contact timing:	non-shorting
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 10 sec, 260° C

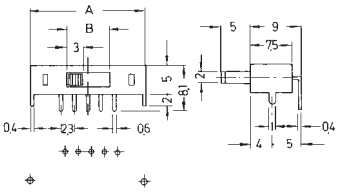
Models:	Operating positions		Length (mm) A	B
MFP 1370	3		20,0	7,6
MFP 1470	4		20,0	9,9
MFP 1570	5		22,0	12,2



MFP 1370



MFP 1370 – R	3		20,0	7,6
MFP 1470 – R	4		20,0	9,9
MFP 1570 – R	5		22,0	12,2



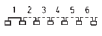
MFP 1370 – R

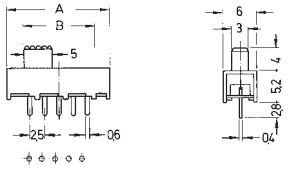


Miniature Slide Switches

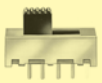
Specifications:

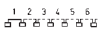
Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Contact timing:	shorting (non-shorting only if specified)
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

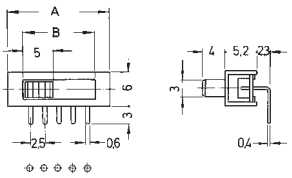
Models:	Operating positions		Length (mm) A	B
MFP 1220	2		13,0	7,5
MFP 1320	3		15,5	10,0
MFP 1420	4		18,0	12,5
MFP 1520	5		20,5	15,0
MFP 1620	6		23,0	17,5



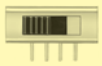
MFP 1420



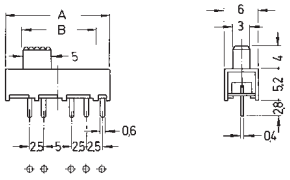
MFP 1220 – R	2		13,0	7,5
MFP 1320 – R	3		15,5	10,0
MFP 1420 – R	4		18,0	12,5
MFP 1520 – R	5		20,5	15,0
MFP 1620 – R	6		23,0	17,5



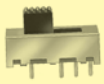
MFP 1420 – R



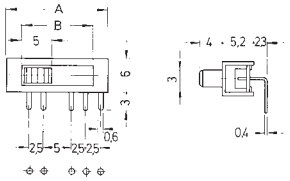
MFP 1323	3		15,5	10,0
MFP 1424	4		18,0	12,5



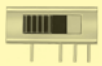
MFP 1424

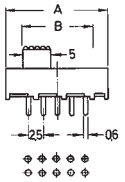
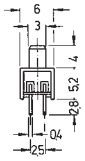
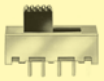
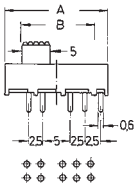
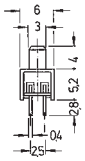
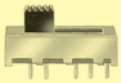
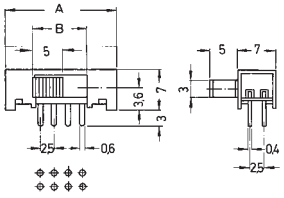
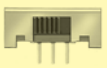
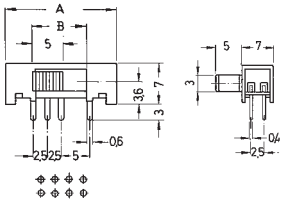
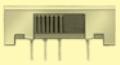


MFP 1323 – R	3		15,5	10,0
MFP 1424 – R	4		18,0	12,5



MFP 1424 – R



Models:	Operating positions		Length (mm) A	B			
MFP 2220	2		13,0	7,5			
MFP 2320	3		15,5	10,0			
MFP 2420	4		18,0	12,5	 MFP 2420		
MFP 2520	5		20,5	15,0			
MFP 2620	6		23,0	17,5			
MFP 2323	3		16,0	10,0	 MFP 2424		
MFP 2424	4		18,0	12,5			
MFP 2220 – R	2		17,0	6,5	 MFP 2320 – R		
MFP 2320 – R	3		19,5	9,0			
MFP 2323 – R	3		19,5	9,0			

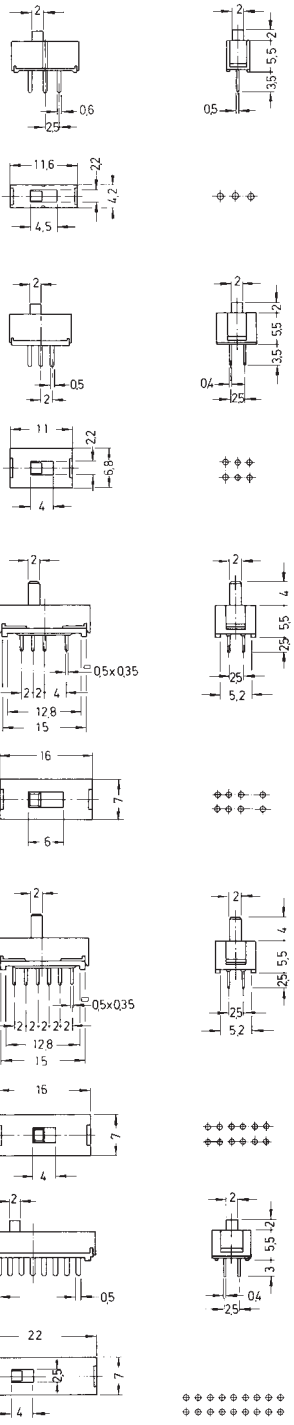
4

Miniature Slide Switches

Specifications: **see page 102**

Material: plastic housing, terminals sealed

Models:	Switching functions		
MFP 161 D	on	on	
MFP 261 N	on	on	
MFP 263 P	on	on	on 
MFP 461 N non-shorting	on	on	
MFP 661 N	on	on	

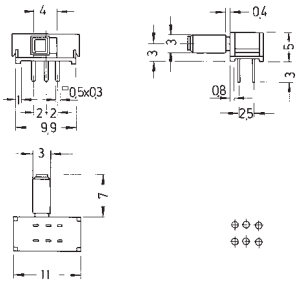
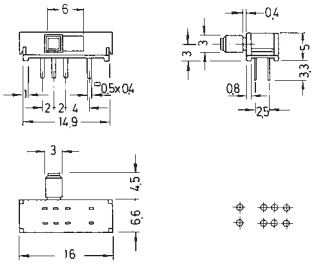
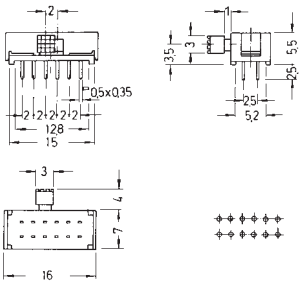




Specifications: **see page 102**

Material: plastic housing, terminals sealed

Models:

	Switching functions		
MFP 261 N – RA	on	on	  
MFP 263 P – RA	on	on on	  
MFP 461 N – RA non-shorting	on	on	  

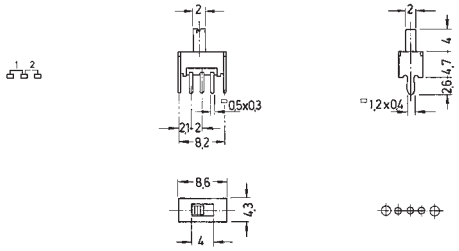
Miniature Slide Switches

Specifications:

Contact rating:	12 V DC, 100 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

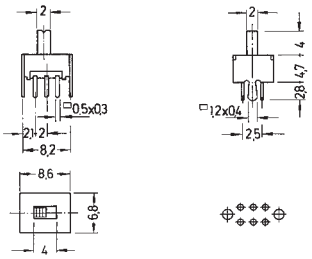
Models: Switching functions

MFP 113 D
non-shorting
on on



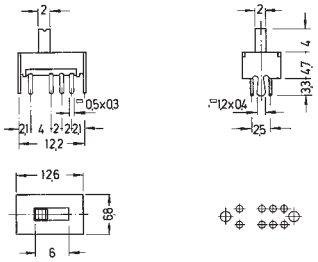


MFP 213 N
non-shorting
on on





MFP 213 P
shorting
on on on

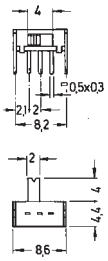
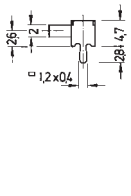
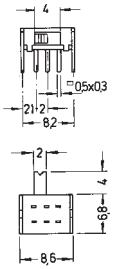
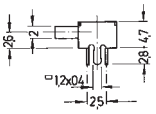
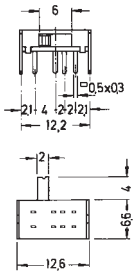
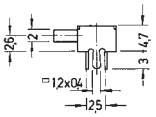




4

Specifications:

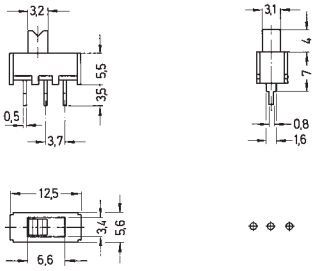
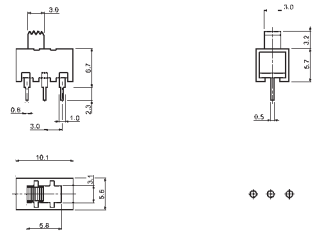
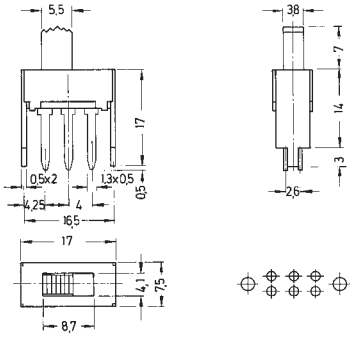
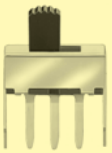
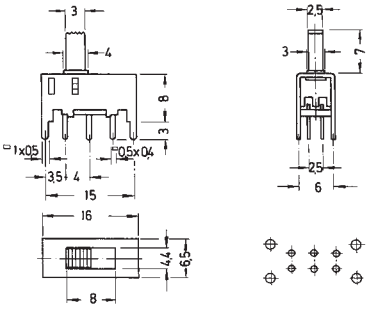
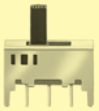
Contact rating:	12 V DC, 100 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

Models:	Switching functions					
MFP 113 D – RA non-shorting	on	on				
MFP 213 N – RA non-shorting	on	on				
MFP 213 P – RA shorting	on	on on				

Miniature Slide Switches

Specifications:

Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Contact timing:	non-shorting
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

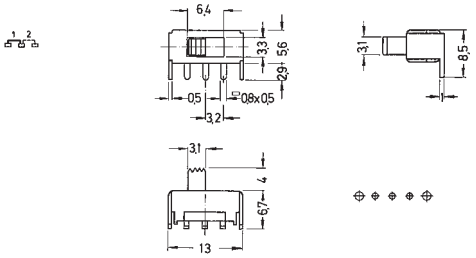
Models:	Switching functions			
MFP 102 D	on	on		 
MFP 191 D	on	on		 
MFP 201 N	on	on		 
MFP 211 N	on	on		 

Specifications:

Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC; MFPP 130 – RA: 250 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations; MFPP 130 – RA > 100 000
Contacts:	copper alloy, silver-plated over nickel barrier
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

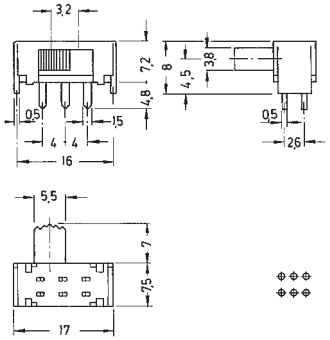
Models: Switching functions

MFP 121 D – RA on on
non-shorting





MFP 201 N – RA on on
non-shorting

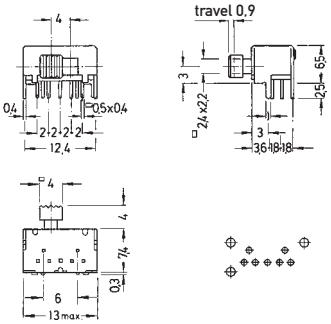




Miniature Slide Switches/ Pushbutton Switches

MFPP 130 – RA on on on







4

Miniature Slide Switches

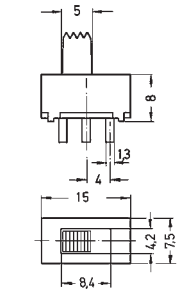
Specifications:

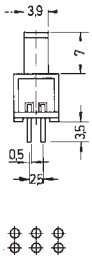
Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Slide colour:	black, further colours on request
Soldering conditions:	auto-soldering – max.: 5 sec, 260° C ± 5° C

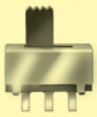
Models: Switching functions

MFP 221 N
non-shorting
on on



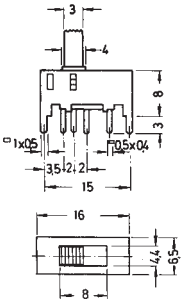


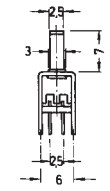


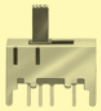


MFP 223 P
shorting
on on on



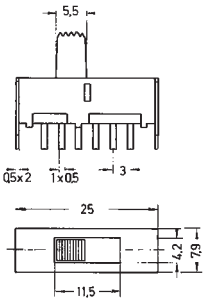


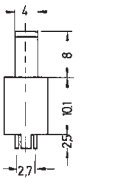


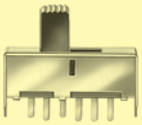


MFP 231 P
shorting
on on on



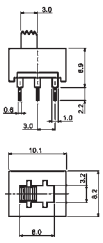


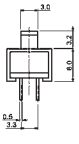




MFP 291 N
non-shorting
on on









4

Specifications:

Contact rating:	30 V DC, 350 mA
Contact resistance:	< 20 mΩ
Insulation resistance:	> 100 MΩ at 500 V DC
Dielectric strength:	500 V, 50 Hz for the duration of 1 minute
Operating temperature:	– 20° to + 85° C
Mechanical life:	minimum 10 000 operations
Contacts:	copper alloy, silver-plated over nickel barrier
Slide colour:	black, further colours on request
Soldering conditions:	hand-soldering – max.: 5 sec, 270° C

Models:	Switching functions		
MFS 121 D non-shorting	on	on	
MFS 131 D non-shorting	on	on	
MFS 201 N non-shorting	on	on	
MFS 231 P shorting	on	on on	

