



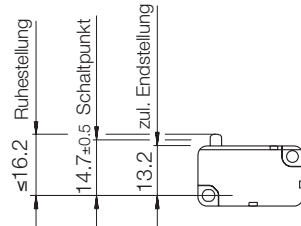
snap action switches

single pole change-over
actuator PETP white nature glass fiber reinforced
socket PA nature glass fiber reinforced
cover PA nature glass fiber reinforced
contact pairing AgCdO/AgCdO
terminals bare
bearing terminal silver-plated
solder terminal silver-plated

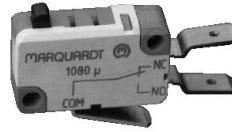
contact type: snap-action contact

life endurance mech: 2.000.000
electr: load dependent

Description of basic version

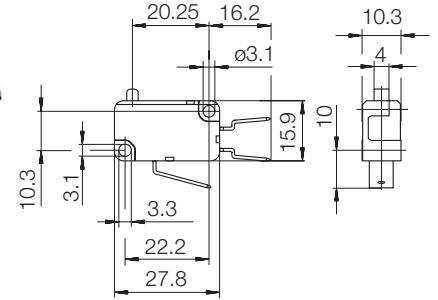


pre-travel max 2,0
over-travel min 1,0
movement differential max 0,3



1080.0403



plug-in terminal 6,3



additional marking switch: production year/week according to DIN EN 60062

electrical rating and approval marks

printed:

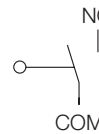
16(4)/250~ 25 E 3
16(8)/250~ 10 E 3 T 125 μ 
16A 125 - 250V AC 1/2 HP R 109 

switching function

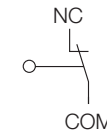
change-over



normally open

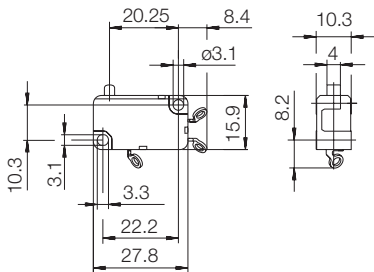


normally closed

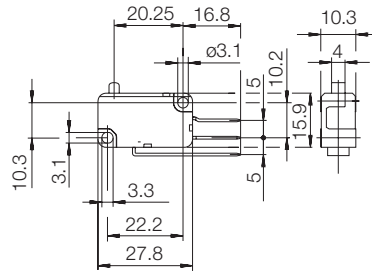


terminal version

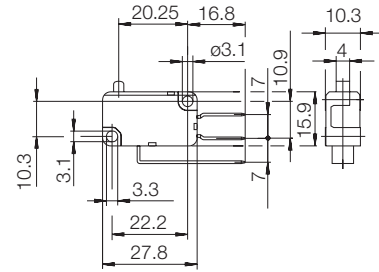
solder terminal



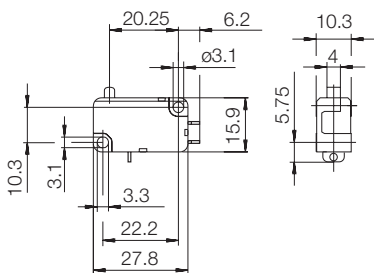
plug-in terminal 6,3 arresting 5



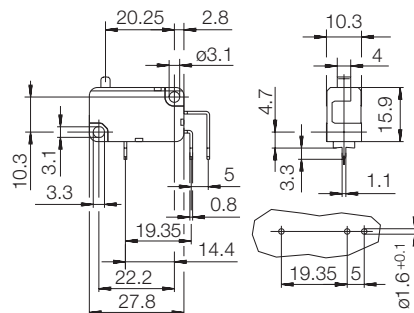
plug-in terminal 6,3 arresting 7



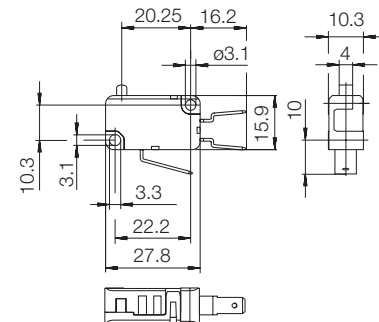
short solder terminal



PCB-terminal vertical



plug-in terminal 4,8

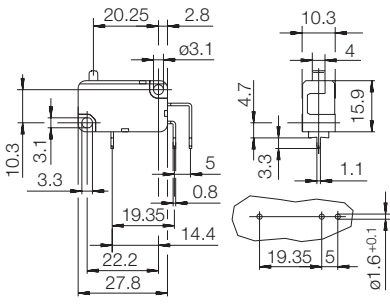



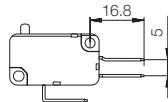
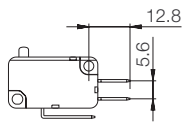



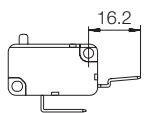



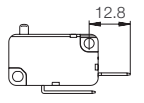






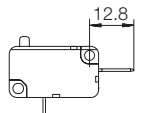





remarks




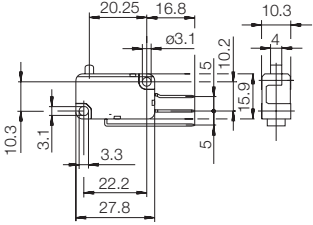























cover and socket material $\le 10(3)/250\sim$ and $16(8)/250\sim$ polyester blue.



product No	kind of terminals	actuating force in N	S F	tolerances to basic model										
0103 x	solder	max 1,00												
0203	solder short	max 1,00												
0211	solder short	max 0,75		actuator PETP blue glass fiber reinforced <table border="1" style="display: inline-table; border-collapse: collapse;"> <thead> <tr> <th colspan="2">operating position</th> </tr> <tr> <th>group</th> <th>from - to</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14,25 - 14,39</td> </tr> <tr> <td>B</td> <td>14,40 - 14,60</td> </tr> <tr> <td>C</td> <td>14,61 - 14,75</td> </tr> </tbody> </table> <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> <p><u>3(1)/250~25 E 3 40T 125 μ</u> </p> <p>3A 125-250V AC R 132 </p> <p>operating position 14,5 ± 0,25 release force min 0,22 N</p> </div>	operating position		group	from - to	A	14,25 - 14,39	B	14,40 - 14,60	C	14,61 - 14,75
operating position														
group	from - to													
A	14,25 - 14,39													
B	14,40 - 14,60													
C	14,61 - 14,75													
0236 Y (01854)	solder short	0,80-1,20	NO	socket PETP white glass fiber reinforced cover PETP blue glass fiber reinforced <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> <p><u>16(8)/250~10 E 3 T 125 μ</u> </p> <p>16A 125V AC 1/3 HP R 135 </p> <p>16A 250V AC 1/2 HP</p> <p>operating position 14,5 ± 0,5 pre-travel max 2,2 over-travel min 0,8</p> <p>release force min 0,2 N movement differential max 0,5</p> </div>										
0279	solder short	max 1,00		contacts gold-plated <div style="display: inline-block; vertical-align: top; margin-left: 20px;"> <p><u>6(3)/250~60 E 3 T 125 μ</u> </p> <p>6A 125V AC 1/10 HP R 134 </p> <p>6A 250V AC 1/4 HP</p> </div>										

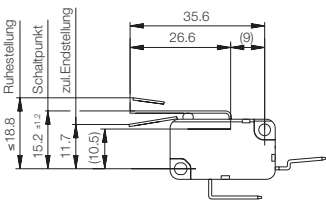



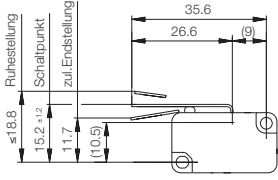



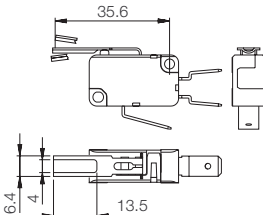
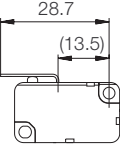



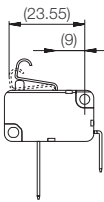



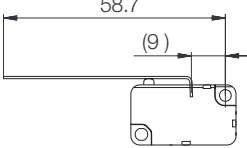
product No	kind of terminals	actuating force in N	S F	tolerances to basic model										
0304	PCB vertical	max 1,00		 <p style="text-align: right;">additional marking packing: D54P30001</p>										
0334	PCB vertical	max 1,00	NO	<p>16(4)/250~ 50 E 3 T 125 μ </p> <p>16(8)/250~ 10 E 3</p> <hr/> <p>16A 125V AC 1/3 HP R 135  </p> <p>16A 250V AC 1/2 HP</p>										
0403 x	P-I 6,3	max 1,00												
0406	P-I 6,3 P-terminal 90° angled	max 1,00		 <p>operating position 14,7 ± 0,3 pre-travel max 1,8 over-travel min 1,2</p>										
0409	P-I 6,3 P-terminal 90° angled	max 1,50		<p>actuator PETP blue glass fiber reinforced</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th colspan="2">operating position</th> </tr> <tr> <th>group</th> <th>from - to</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>14,25 - 14,39</td> </tr> <tr> <td>B</td> <td>14,40 - 14,60</td> </tr> <tr> <td>C</td> <td>14,61 - 14,75</td> </tr> </tbody> </table>  <p>21(8)/250~ 10 E 3 40T 125 </p> <p>16(4)/250~ 25 E 3</p> <hr/> <p>21A 125V AC 1 HP R 152  </p> <p>21A 250V AC 2 HP</p> <p>operating position 14,5 ± 0,2,5 release force min 0,6 N</p>	operating position		group	from - to	A	14,25 - 14,39	B	14,40 - 14,60	C	14,61 - 14,75
operating position														
group	from - to													
A	14,25 - 14,39													
B	14,40 - 14,60													
C	14,61 - 14,75													
0439	P-I 6,3 P-terminal 90° angled	max 1,00	NO	 <p>16(4)/250~ 50 E 3 T 125 μ </p> <p>16(8)/250~ 10 E 3</p> <hr/> <p>16A 125V AC 1/3 HP R 135  </p> <p>16A 250V AC 1/2 HP</p>										
0440	P-I 6,3 P-terminal 90° angled	max 1,50	NO	 <p>21(8)/250~ 10 E 3</p> <p>16(4)/250~ 50 E 3 T 125 μ </p> <p>16(8)/250~ 10 E 3</p> <hr/> <p>21A 125V AC 1HP R 152  </p> <p>21A 250V AC 2 HP</p>										
0464	P-I 6,3	max 1,00	NC	<p>socket and cover PETP blue glass fiber reinforced</p> <p>16(8)/250~10 E 3 T 125 μ </p> <p>16A 125V AC 1/3 HP R 135  </p> <p>16A 250V AC 1/2 HP</p> <p>additional marking packing: E01B70001</p>										
0469	P-I 6,3 P-terminal 90° angled	max 1,00	NC	 <p>16(4)/250~ 50 E 3 T 125 μ </p> <p>16(8)/250~ 10 E 3</p> <hr/> <p>16A 125V AC 1/3 HP R 135  </p> <p>16A 250V AC 1/2 HP</p> <p>operating position 14,7 ± 0,35 pre-travel max 1,85 over-travel min 1,15</p>										
0483	P-I 6,3	max 1,00		<p>like .0403 K-switch, only internal demand. Do not offer!</p>										



product No	kind of terminals	actuating force in N	S F	tolerances to basic model
0502	P-I 6,3 arresting 5 silver-plated	max 0,75		socket and cover PETP nature glass fiber reinforced also for switch 2060. <u>10(3)/250~25 E 3 T 125 μ</u>  10A 125V AC 1/3 HP R 50   10A 250V AC 1/2 HP
0503 x	P-I 6,3 arresting 5	max 1,00		
0508 Y (48376)	P-I 6,3 arresting 5 silver-plated	max 0,15		socket and cover PETP blue glass fiber reinforced <u>3(1)/250~ 25 E 3 T 125 μ</u>  3A 125-250V AC R 132  additional marking switch: T.- Nr. 4654680 PET
0509	P-I 6,3 arresting 5 versi	max 1,00		socket, cover and actuator PET nature
0532	P-I 6,3 arresting 5 silver-plated	max 0,75	NO	socket and cover aus PETP nature glass fiber reinforced K-switch, only internal demand. Do not offer! auch für switch 2060. <u>10(3)/250~50 E 3 T 125 μ</u>  10A 125V AC 1/3 HP R 50   10A 250V AC 1/2 HP
0538	P-I 6,3 arresting 5 silver-plated	max 1,00	NO	socket, cover and actuator PET nature <u>16(4)/250~ 50 E 3 T 125 μ</u>  <u>16(8)/250~ 10 E 3</u> 16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP
0539	P-I 6,3 arresting 5 silver-plated	max 1,00	NO	<u>16(4)/250~ 50 E 3 T 125 μ</u>  <u>16(8)/250~ 10 E 3</u> 16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP operating position 14,7 ± 0,3 pre-travel max 1,8 over-travel min 1,2
0582	P-I 6,3 arresting 5 silver-plated	max 0,75		like .0502 K-switch, only internal demand. Do not offer! <u>10(3)/250~25 E 3 T 125 μ</u>  10A 125V AC 1/3 HP R 50   10A 250V AC 1/2 HP
0585	P-I 6,3 arresting 5	max 1,00	NO	socket and cover PETP blue glass fiber reinforced contacts gold-plated <u>3(1)/250~ 50 E 3 T 125 μ</u>  3A 125-250V AC R 132   additional marking packing: 8707 200 011
0589	P-I 6,3 arresting 5 silver-plated	max 1,00	S	like .0539 K-switch, only internal demand. Do not offer! <u>16(4)/250~ 50 E 3 T 125 μ</u>  <u>16(8)/250~ 10 E 3</u> 16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP
0595	P-I 6,3 arresting 5 silver-plated	max 0,75	NC	socket and cover PETP nature glass fiber reinforced contacts gold-plated K-switch, only internal demand. Do not offer! auch für switch 2060. <u>3(1)/250~ 50 E 3 T 125 μ</u>  3A 125-250V AC R 132   additional marking packing: 8707 200 011



product No	kind of terminals	actuating force in N	S	F	tolerances to basic model										
0603 x	P-I 6,3 arresting 7	max 1,00													
0609	P-I 6,3 arresting 7	max 1,50			<p>actuator aus PETP blue glass fiber reinforced</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">operating position</td> </tr> <tr> <td style="text-align: center;">group</td> <td style="text-align: center;">from - to</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">14,25 - 14,39</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">14,40 - 14,60</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">14,61 - 14,75</td> </tr> </table> <p>21(8)/250~ 10 E 3 40T 125 μ 05 <u>16(4)/250~ 25 E 3</u> 21A 125V AC 1 HP R 152 21A 250V AC 2 HP</p> <p>operating position 14,5 ± 0,25 pre-travel. max 1,95 over-travel min 1,05 release force min 0,6 N</p>	operating position		group	from - to	A	14,25 - 14,39	B	14,40 - 14,60	C	14,61 - 14,75
operating position															
group	from - to														
A	14,25 - 14,39														
B	14,40 - 14,60														
C	14,61 - 14,75														
0639	P-I 6,3 arresting 7	max 1,50	NO		<p>actuator aus PETP blue glass fiber reinforced</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">operating position</td> </tr> <tr> <td style="text-align: center;">group</td> <td style="text-align: center;">from - to</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">14,25 - 14,39</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">14,40 - 14,60</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">14,61 - 14,75</td> </tr> </table> <p>21(8)/250~ 10 E 3 40T 125 μ 05 <u>16(4)/250~ 50 E 3</u> 21A 125V AC 1 HP R 152 21A 250V AC 2 HP</p> <p>operating position 14,5 ± 0,25 pre-travel. max 1,95 over-travel min 1,05 release force min 0,6 N</p>	operating position		group	from - to	A	14,25 - 14,39	B	14,40 - 14,60	C	14,61 - 14,75
operating position															
group	from - to														
A	14,25 - 14,39														
B	14,40 - 14,60														
C	14,61 - 14,75														
0672	P-I 6,3 arresting 7	max 0,75			<p>actuator PETP blue glass fiber reinforced socket and cover PETP white nature glass fiber reinforced contacts gold-plated</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">operating position</td> </tr> <tr> <td style="text-align: center;">group</td> <td style="text-align: center;">from - to</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">14,25 - 14,39</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">14,40 - 14,60</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">14,61 - 14,75</td> </tr> </table> <p>3(1)/250~ 25 E 3 40T 125 μ 05 3A 125-250V AC R 132 operating position 14,5 ± 0,25 pre-travel. max 1,95 over-travel min 1,05 release force min 0,6 N</p>	operating position		group	from - to	A	14,25 - 14,39	B	14,40 - 14,60	C	14,61 - 14,75
operating position															
group	from - to														
A	14,25 - 14,39														
B	14,40 - 14,60														
C	14,61 - 14,75														
0709	PCB angled to socket	max 1,50			<p>actuator PETP blue glass fiber reinforced</p> <p>16(4)/250~ 25 E 3 40T 125 μ 05 <u>16(8)/250~ 10 E 3</u> 16A 125-250V AC 1/2 HP R 109 operating position 14,5 ± 0,3 release force min 0,5 N</p>										
0903 x	P-I 4,8	max 1,00													
0904	P-I 6,3 arresting 7 special version	max 1,00			<p>21(8)/250~ 10 E 3 T 125 μ 05 <u>16(4)/250~ 25 E 3</u> 21A 125V AC 0,5 HP R 153 21A 250V AC 1,5HP</p>										

product No	kind of terminals	actuating force in N	S F	tolerances to basic model
5439	P-I 6,3 P-terminal 90° angled	max 0,50	NO	<p>with metal lever 35,6 long (191.080.101)</p>  <p>16(4)/250~ 50 E 3 T 125 μ  16(8)/250~ 10 E 3 16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP pre-travel max 4,8 over-travel min 2,3 movement differential max 0,7</p>
5464	P-I 6,3	max 0,50	NC	<p>with metal lever 35,6 long (191.080.101) socket and cover PETP blue glass fiber reinforced</p>  <p>16(8)/250~10 E 3 T 125 μ  16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP pre-travel max 4,8 over-travel min 2,3 movement differential max 0,7</p>
6403 Y+ (01088) USA	P-I 6,3	max 0,50	NC	<p>with metal lever in special version 35,6 long consisting of 1080.0483 and lever 191 093.011</p>  <p>free position max 19,3 pre-travel max 4,5 operating position 16 ± 1,2 over-travel min 1,1 total travel position allowed 13,7 movement differential max 0,7</p>
7470	P-I 6,3	max 0,55	NC	<p>with metal lever 28,7 long (191.080.091) socket and cover PETP blue glass fiber reinforced</p>  <p>16(8)/250~10 E 3 T 125 μ  16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP free position max 18,8 pre-travel max 4,6 operating position 15,2 ± 1 over-travel min 1,2 total travel position allowed 13,0 movement diff. max 0,8</p>
7939	P-I 6,3 in special version	max 1,40	NO	<p>with metal lever with simulated roll 23,55 long (191.080.511) cover PETP white nature glass fiber reinforced</p>  <p>16(4)/250~ 50 E 3 T 125 μ  16(8)/250~ 10 E 3 16A 125V AC 1/3 HP R 135   16A 250V AC 1/2 HP free position max 23 pre-travel max 2,2 operating position 21,3 ± 0,5 over-travel min 0,8 total travel position allowed 20,0</p>
8403	P-I 6,3	max 0,28		<p>with metal lever 58,7 long (191.080.121)</p>  <p>free position max 21,5 pre-travel max 8,5 operating position 15,2 ± 2,2 over-travel min 5,0 total travel position allowed 8,0 movement differential max 1,5</p>