



03129E00






WebCode 8003A

- > Different actuator attachments
 - Pushbutton
 - Mushroom pushbutton
 - Mushroom stay-put button
 - Mushroom stay-put button with key lock
 - Key-operated button
 - Key-operated switch
 - Selector switch
- > 2 contact elements
- > Spring clamp terminals with connection chamber
- > Simple mounting
- > Functions "latching", "spring return" and "key not withdrawable" are codable
- > Switching function
 - multiple latching and spring position recoding possible
 - max. 6 A







E4

		ATEX / IECEx / GOST							NEC 505 Class I			NEC 506					NEC 500						
Zone		0	1	2	20	21	22	Zone		0	1	2	20	21	22	Division		Class I		Class II		Class III	
For use in			x	x		x	x	For use in			x					For use in			x		x		

Selection Table						
Version	Description		Order number	Art. no.	PS	Weight kg
Spring clamp terminal with connection chamber						
 01641E00 Pushbutton, 8003/1.1-001	Spring clamp terminal with connection chamber	NO / NC	8003/111-001	126993	11	0.140
		NC / NC	8003/121-001	127048	11	0.140
		NO / NO	8003/131-001	127125	11	0.140
 01641E00 Pushbutton, silicone*), 8003/1.1-001S	Spring clamp terminal with connection chamber	NO / NC	8003/111-001S	217834	11	0.140
		NC / NC	8003/121-001S	217837	11	0.140
		NO / NO	8003/131-001S	217839	11	0.140
 01642E00 Mushroom button, 8003/1.1-003	Spring clamp terminal with connection chamber	NO / NC	8003/111-003	127183	11	0.140
		NC / NC	8003/121-003	127187	11	0.140
		NO / NO	8003/131-003	127192	11	0.140
 01059E00 Key-operated switch, 8003/1.1-008-2-r-MS1	2 switching positions, latching, standard locking MS1					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-008-2-r-MS1	127240	11	0.230
		NC / NC	8003/121-008-2-r-MS1	127242	11	0.300
NO / NO		8003/131-008-2-r-MS1	127244	11	0.220	
 10398E00 Key-operated switch, 8003/1.1-008-3-rr-MS1	3 switching positions, latching - latching, standard locking MS1					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-008-3-rr-MS1	213498	11	0.125
		NC / NC	8003/121-008-3-rr-MS1	218564	11	0.125
		NO / NO	8003/131-008-3-rr-MS1	213533	11	0.125
NC / NO		8003/141-008-3-rr-MS1	218565	11	0.125	

Selection Table						
Version	Description		Order number	Art. no.	PS	Weight kg
 01645E00 Mushroom stay-put button with key lock, 8003/1.1-009-MS1	∅ 38 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 009 - MS1	127320	11	0.140
		NC / NC	8003 / 121 - 009 - MS1	213525	11	0.125
		NO / NO	8003 / 131 - 009 - MS1	217840	11	0.125
 01645E00 Mushroom stay-put button with key lock, silicone*), 8003/1.1-009S-MS1	∅ 38 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 009S - MS1	217911	11	0.140
		NC / NC	8003 / 121 - 009S - MS1	217912	11	0.125
		NO / NO	8003 / 131 - 009S - MS1	217913	11	0.125
 01644E00 Mushroom stay-put button, 8003/1.1-010	∅ 38 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 010	127031	11	0.125
		NC / NC	8003 / 121 - 010	127114	11	0.125
		NO / NO	8003 / 131 - 010	217914	11	0.125
 01644E00 Mushroom stay-put button, silicone*), 8003/1.1-010S	∅ 38 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 010S	217915	11	0.125
		NC / NC	8003 / 121 - 010S	217916	11	0.125
		NO / NO	8003 / 131 - 010S	217917	11	0.125
 09875E00 Mushroom stay-put button, 8003/1.1-012	∅ 38 mm, black Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 012	127033	11	0.140
		NC / NC	8003 / 121 - 012	127118	11	0.140
		NO / NO	8003 / 131 - 012	127227	11	0.140
 01643E00 Mushroom stay-put button, 8003/1.1-015	∅ 55 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 015	127147	11	0.145
		NC / NC	8003 / 121 - 015	127229	11	0.145
		NO / NO	8003 / 131 - 015	127231	11	0.145
 01643E00 Mushroom stay-put button, silicone*), 8003/1.1-015S	∅ 55 mm, red (EM-STOP) Spring clamp terminal with connection chamber	NO / NC	8003 / 111 - 015S	217918	11	0.145
		NC / NC	8003 / 121 - 015S	217919	11	0.145
		NO / NO	8003 / 131 - 015S	217920	11	0.145

Selection Table						
Version	Description	Order number	Art. no.	PS	Weight kg	
 <p>01861E00 Control switch, not lockable, 8003/1.1-726-2-r</p>	2 switching positions, latching					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-726-2-r	213500	11	0.125
		NC / NC	8003/121-726-2-r	213527	11	0.125
		NO / NO	8003/131-726-2-r	213534	11	0.125
 <p>01861E00 Control switch, not lockable, 8003/1.1-726-3-rr</p>	3 switching positions, latching - latching					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-726-3-rr	213511	11	0.125
		NC / NC	8003/121-726-3-rr	218566	11	0.125
		NO / NO	8003/131-726-3-rr	213535	11	0.125
*) extended temperature range -40 ...+60 °C						
 <p>01860E00 Control switch, lockable, 8003/1.1-727-2-r</p>	2 switching positions, latching					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-727-2-r	218567	11	0.125
		NC / NC	8003/121-727-2-r	218568	11	0.125
		NO / NO	8003/131-727-2-r	213538	11	0.125
 <p>01860E00 Control switch, lockable, 8003/1.1-727-3-rr</p>	3 switching positions, latching - latching					
	Spring clamp terminal with connection chamber	NO / NC	8003/111-727-3-rr	218569	11	0.125
		NC / NC	8003/121-727-3-rr	218570	11	0.125
		NO / NO	8003/131-727-3-rr	213539	11	0.125
		NC / NO	8003/141-727-3-rr	218571	11	0.125
*) extended temperature range -40 ...+60 °C						
Note	<ul style="list-style-type: none"> - yellow label for EM-STOP function is enclosed - plates must be ordered separately; see accessories - key-operated switch with "spring-return" functions and/or "key not removable" on request - versions with other locking cylinders on request 					
	<ul style="list-style-type: none"> - key switches type 8003/1...-008- and control switches type 8003/1...-726-3 are codable („latching“, „spring-return“, „key removable“) 					

Selection Table						
Version	Description		Order number	Art. no.	PS	Weight kg
Spring clamp terminal without connection chamber						
Pushbutton, 8003/1.2-001	Spring clamp terminal without connection chamber	NO / NC	8003 / 112-001	126994	11	0.180
		NC / NC	8003 / 122-001	127007	11	0.208
		NO / NO	8003 / 132-001	127018	11	0.576
Pushbutton, silicone,*) 8003/1.2-001S	Spring clamp terminal without connection chamber	NO / NC	8003 / 112-001S	217921	11	0.180
		NC / NC	8003 / 122-001S	217922	11	0.208
		NO / NO	8003 / 132-001S	217923	11	0.576
Mushroom button, 8003/1.2-003	Spring clamp terminal without connection chamber	NO / NC	8003 / 112-003	214295	11	0.125
		NC / NC	8003 / 122-003	214297	11	0.125
		NO / NO	8003 / 132-003	214299	11	0.125
Key-operated switch, 8003/1.2-008-2-r-MS1	2 switching positions, latching, standard locking MS1 Spring clamp terminal without connection chamber	NO / NC	8003 / 112-008-2-r-MS1	218572	11	0.230
		NC / NC	8003 / 122-008-2-r-MS1	218573	11	0.230
		NO / NO	8003 / 132-008-2-r-MS1	218574	11	0.230
Key-operated switch, 8003/1.2-008-3-rr-MS1	3 switching positions, latching - latching, standard locking MS1 Spring clamp terminal without connection chamber	NO / NC	8003 / 112-008-3-rr-MS1	218575	11	0.125
		NC / NC	8003 / 122-008-3-rr-MS1	218576	11	0.125
		NO / NO	8003 / 132-008-3-rr-MS1	218577	11	0.125
		NC / NO	8003 / 142-008-3-rr-MS1	218578	11	0.125
Mushroom stay-put button with key lock, 8003/1.2-009-MS1	∅ 38 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-009-MS1	217897	11	0.140
		NC / NC	8003 / 122-009-MS1	217898	11	0.140
		NO / NO	8003 / 132-009-MS1	217899	11	0.140
Mushroom stay-put button with key lock, silicone*), 8003/1.2-009S-MS1	∅ 38 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-009S-MS1	217900	11	0.140
		NC / NC	8003 / 122-009S-MS1	217931	11	0.140
		NO / NO	8003 / 132-009S-MS1	217932	11	0.140
Mushroom stay-put button, 8003/1.2-010	∅ 38 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-010	214292	11	0.125
		NC / NC	8003 / 122-010	213528	11	0.125
		NO / NO	8003 / 132-010	217933	11	0.125
Mushroom stay-put button, silicone*), 8003/1.2-010S	∅ 38 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-010S	217934	11	0.125
		NC / NC	8003 / 122-010S	217935	11	0.125
		NO / NO	8003 / 132-010S	217936	11	0.125
Mushroom stay-put button, 8003/1.2-012	∅ 38 mm, black Spring clamp terminal without connection chamber	NO / NC	8003 / 112-012	214294	11	0.125
		NC / NC	8003 / 122-012	214296	11	0.125
		NO / NO	8003 / 132-012	214298	11	0.125
Mushroom stay-put button, 8003/1.2-015	∅ 55 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-015	214293	11	0.125
		NC / NC	8003 / 122-015	213529	11	0.125
		NO / NO	8003 / 132-015	217938	11	0.125
Mushroom stay-put button, silicone*), 8003/1.2-015S	∅ 55 mm, red (EM-STOP) Spring clamp terminal without connection chamber	NO / NC	8003 / 112-015S	217939	11	0.125
		NC / NC	8003 / 122-015S	217940	11	0.125
		NO / NO	8003 / 132-015S	217941	11	0.125
Control switch, not lockable, 8003/1.2-726-2-r	2 switching positions, latching Spring clamp terminal without connection chamber	NO / NC	8003 / 112-726-2-r	213513	11	0.125
		NC / NC	8003 / 122-726-2-r	218579	11	0.125
		NO / NO	8003 / 132-726-2-r	218581	11	0.125
Control switch, not lockable, 8003/1.2-726-3-rr	3 switching positions, latching - latching Spring clamp terminal without connection chamber	NO / NC	8003 / 112-726-3-rr	218584	11	0.125
		NC / NC	8003 / 122-726-3-rr	218585	11	0.125
		NO / NO	8003 / 132-726-3-rr	200552	11	0.125

*) extended temperature range -40 ...+60 °C

Selection Table						
Version	Description	Order number	Art. no.	PS	Weight kg	
Control switch, lockable, 8003/1.2-727-2-r	2 switching positions, latching					
	Spring clamp terminal without connection chamber	NO / NC	8003 / 112-727-2-r	218586	11	0.125
		NC / NC	8003 / 122-727-2-r	218587	11	0.125
		NO / NO	8003 / 132-727-2-r	218588	11	0.125
Control switch, lockable, 8003/1.2-727-3-rr	3 switching positions, latching - latching					
	Spring clamp terminal without connection chamber	NO / NC	8003 / 112-727-3-rr	218589	11	0.125
		NC / NC	8003 / 122-727-3-rr	218590	11	0.125
		NO / NO	8003 / 132-727-3-rr	218601	11	0.125
		NC / NO	8003 / 142-727-3-rr	218602	11	0.125
*) extended temperature range -40 ...+60 °C						
Note	<ul style="list-style-type: none"> - yellow label for EM-STOP function is enclosed - plates must be ordered separately; see accessories - key-operated switch with "spring-return" functions and/or "key not removable" on request - versions with other locking cylinders on request 					
	<ul style="list-style-type: none"> - key switches type 8003/1..-008- and control switches type 8003/1..-726-3 are codable („latching“, „spring-return“, „key removable“) 					

Selection table						
Version	Description		Order number	Art. no.	PS	Weight kg
Plug-in connection with 6 m connection line						
Pushbutton, 8003/1.3-001	Plug-in connection with 6 m connection line	NO / NC	8003 / 113-001-6	213516	11	0.125
		NC / NC	8003 / 123-001-6	213530	11	0.125
		NO / NO	8003 / 133-001-6	213540	11	0.125
Pushbutton, silicone ^{*)} , 8003/1.3-001S	Plug-in connection with 6 m connection line	NO / NC	8003 / 113-001S-6	217942	11	0.125
		NC / NC	8003 / 123-001S-6	217943	11	0.125
		NO / NO	8003 / 133-001S-6	213541	11	0.125
Mushroom button, 8003/1.3-003	Plug-in connection with 6 m connection line	NO / NC	8003 / 113-003-6	214308	11	0.125
		NC / NC	8003 / 123-003-6	214309	11	0.125
		NO / NO	8003 / 133-003-6	214310	11	0.125
Key-operated switch, 8003/1.3-008-2-r-MS1	2 switching positions, latching, standard locking MS1 Plug-in connection with 6 m connection line	NO / NC	8003 / 113-008-2-r-MS1-6	218604	11	0.125
		NC / NC	8003 / 123-008-2-r-MS1-6	218605	11	0.125
		NO / NO	8003 / 133-008-2-r-MS1-6	218606	11	0.125
Key-operated switch, 8003/1.3-008-3-rr-MS1	3 switching positions, latching - latching, standard locking MS1 Plug-in connection with 6 m connection line	NO / NC	8003 / 113-008-3-rr-MS1-6	218597	11	0.125
		NC / NC	8003 / 123-008-3-rr-MS1-6	218598	11	0.125
		NO / NO	8003 / 133-008-3-rr-MS1-6	213542	11	0.125
		NC / NO	8003 / 143-008-3-rr-MS1-6	218871	11	0.125
Mushroom stay-put button with key lock, 8003/1.3-009-MS1	ø 38 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-009-MS1-6	213520	11	0.125
		NC / NC	8003 / 123-009-MS1-6	217944	11	0.125
		NO / NO	8003 / 133-009-MS1-6	217945	11	0.125
Mushroom stay-put button with key lock, silicone ^{*)} , 8003/1.3-009S-MS1	ø 38 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-009S-MS1-6	217947	11	0.125
		NC / NC	8003 / 123-009S-MS1-6	217948	11	0.125
		NO / NO	8003 / 133-009S-MS1-6	217950	11	0.125
Mushroom stay-put button, 8003/1.3-010	ø 38 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-010-6	213522	11	0.125
		NC / NC	8003 / 123-010-6	213532	11	0.125
		NO / NO	8003 / 133-010-6	217963	11	0.125
Mushroom stay-put button, silicone ^{*)} , 8003/1.3-010S	ø 38 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-010S-6	217964	11	0.125
		NC / NC	8003 / 123-010S-6	217965	11	0.125
		NO / NO	8003 / 133-010S-6	217966	11	0.125
Mushroom stay-put button, 8003/1.3-012	ø 38 mm, black Plug-in connection with 6 m connection line	NO / NC	8003 / 113-012-6	214305	11	0.125
		NC / NC	8003 / 123-012-6	214306	11	0.125
		NO / NO	8003 / 133-012-6	214307	11	0.125
Mushroom stay-put button, 8003/1.3-015	ø 55 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-015-6	213523	11	0.125
		NC / NC	8003 / 123-015-6	214304	11	0.125
		NO / NO	8003 / 133-015-6	217967	11	0.125
Mushroom stay-put button, silicone ^{*)} , 8003/1.3-015S	ø 55 mm, red (EM-STOP) Plug-in connection with 6 m connection line	NO / NC	8003 / 113-015S-6	217968	11	0.125
		NC / NC	8003 / 123-015S-6	217969	11	0.125
		NO / NO	8003 / 133-015S-6	217970	11	0.125
Control switch, not lockable, 8003/1.3-726-2-r	2 switching positions, latching Plug-in connection with 6 m connection line	NO / NC	8003 / 113-726-2-r-6	213524	11	0.125
		NC / NC	8003 / 123-726-2-r-6	218872	11	0.125
		NO / NO	8003 / 133-726-2-r-6	213543	11	0.125
Control switch, not lockable, 8003/1.3-726-3-rr	3 switching positions, latching - latching Plug-in connection with 6 m connection line	NO / NC	8003 / 113-726-3-rr-6	218873	11	0.125
		NC / NC	8003 / 123-726-3-rr-6	218874	11	0.125
		NO / NO	8003 / 133-726-3-rr-6	213545	11	0.125

*) extended temperature range -40 ...+60 °C

Selection table						
Version	Description		Order number	Art. no.	PS	Weight kg
Control switch, lockable, 8003/1.3-727-2-r	2 switching positions, latching					
	Plug-in connection with 6 m connection line	NO / NC	8003/113-727-2-r-6	218875	11	0.125
		NC / NC	8003/123-727-2-r-6	218876	11	0.125
		NO / NO	8003/133-727-2-r-6	218877	11	0.125
Control switch, lockable, 8003/1.3-727-3-rr	3 switching positions, latching - latching					
	Plug-in connection with 6 m connection line	NO / NC	8003/113-727-3-rr-6	218878	11	0.125
		NC / NC	8003/123-727-3-rr-6	218879	11	0.125
		NO / NO	8003/133-727-3-rr-6	218880	11	0.125
		NC / NO	8003/143-727-3-rr-6	218901	11	0.125
*) extended temperature range -40 ...+60 °C						
Note	<ul style="list-style-type: none"> - yellow label for EM-STOP function is enclosed - plates must be ordered separately; see accessories - key-operated switch with "spring-return" functions and/or "key not removable" on request - versions with other locking cylinders on request 					
	- key switches type 8003/1...-008- and control switches type 8003/1...-726-3 are codable („latching“, „spring-return“, „key removable“)					

Technical Data							
Explosion protection							
Global (IECEx)							
Gas and dust							
	<table border="0"> <tr> <td>8003/1.1</td> <td>IECEx PTB 06.0065X</td> </tr> <tr> <td>8003/1.2</td> <td>IECEx PTB 06.0066U</td> </tr> <tr> <td>8003/1.3</td> <td>IECEx PTB 06.0065X</td> </tr> </table>	8003/1.1	IECEx PTB 06.0065X	8003/1.2	IECEx PTB 06.0066U	8003/1.3	IECEx PTB 06.0065X
8003/1.1	IECEx PTB 06.0065X						
8003/1.2	IECEx PTB 06.0066U						
8003/1.3	IECEx PTB 06.0065X						
	<table border="0"> <tr> <td>8003/1.1</td> <td>Ex d e IIC T6</td> </tr> <tr> <td>8003/1.2</td> <td>Ex d e IIC</td> </tr> <tr> <td>8003/1.3</td> <td>Ex d e IIC T6</td> </tr> </table>	8003/1.1	Ex d e IIC T6	8003/1.2	Ex d e IIC	8003/1.3	Ex d e IIC T6
8003/1.1	Ex d e IIC T6						
8003/1.2	Ex d e IIC						
8003/1.3	Ex d e IIC T6						
	8003/1.1 Ex tD A21 IP 65 T80°C 8003/1.3						
Europe (ATEX)							
Gas and dust							
	<table border="0"> <tr> <td>8003/1.1</td> <td>PTB 02 ATEX 1057 X</td> </tr> <tr> <td>8003/1.2</td> <td>PTB 02 ATEX 1080 U</td> </tr> <tr> <td>8003/1.3</td> <td>PTB 02 ATEX 1057 X</td> </tr> </table>	8003/1.1	PTB 02 ATEX 1057 X	8003/1.2	PTB 02 ATEX 1080 U	8003/1.3	PTB 02 ATEX 1057 X
8003/1.1	PTB 02 ATEX 1057 X						
8003/1.2	PTB 02 ATEX 1080 U						
8003/1.3	PTB 02 ATEX 1057 X						
	<table border="0"> <tr> <td>8003/1.1</td> <td>⊕ II 2 G Ex d e IIC T6</td> </tr> <tr> <td>8003/1.2</td> <td>⊕ II 2 G Ex d e IIC</td> </tr> <tr> <td>8003/1.3</td> <td>⊕ II 2 G Ex d e IIC T6</td> </tr> </table>	8003/1.1	⊕ II 2 G Ex d e IIC T6	8003/1.2	⊕ II 2 G Ex d e IIC	8003/1.3	⊕ II 2 G Ex d e IIC T6
8003/1.1	⊕ II 2 G Ex d e IIC T6						
8003/1.2	⊕ II 2 G Ex d e IIC						
8003/1.3	⊕ II 2 G Ex d e IIC T6						
	8003/1.1 ⊕ II 2 D Ex tD A21 IP65 T80°C 8003/1.3						
Certificates and approvals							
Certificates	IECEx, ATEX, India (PESO), Kazakhstan (GOST-K), Russia (GOST-R), Ukraine (GOST-U), USA (UL), Belarus (GOST-B)						
Rated operational voltage	max. 550 V						
Rated operational current	max. 6 A						
Schematic							
Ambient temperature	8003/11. -20 ... +60 °C 8003/12. -40 ... +60 °C for versions with silicone seal						
Degree of protection	IP65 (front side IP66) Level of protection acc. to IEC/EN 60529						
Connection cross-section	8003/1.1: 0.75 ... 1.5 mm ² 8003/1.2: 0.5 ... 2.5 mm ² 8003/1.3: 4 x 1 mm ² , connecting cable						
Terminals	8003/1.1: 0.75 ... 1.5 mm ² 8003/1.2: 0.5 ... 2.5 mm ² 8003/1.3: 4 x 1 mm ² , connecting cable						
Cable entry	Type 8003/1.1: M16 x 1.5 (∅ 4 - 9 mm)						

Accessories and spare parts see page 404; Dimensional drawings see page 405