



제17-0533호

안 전 인 증 서

R. STAHL Schaltgeraete

Am bahnhof 30 74638 Waldenburg, GERMANY

위 사업장에서 신청하는 아래의 품목이 「산업안전보건법」 제34조 및 같은 법 시행규칙 제58조의4제4항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

품 목

Push button for panel mounting

형식 · 모델 / 용량 · 등급 / 인증번호

형식 · 모델	용량 · 등급	인증번호
type 8003/1.1-... ..-.-. and 8003/1.3-... ..-.-.	[첨부] 17-GA4BO-0533X 참조 Ex de IIC T6, IP65	17-GA4BO-0533X

인 증 기 준

방호장치 의무안전인증 고시(고용노동부 고시 제2016-54호)

인 증 조 건

-55 °C to +60 °C, 뒷면 인증조건 참조

2017 년 08 월 09 일

한국가스안전공사 사장





인 증 조 건

1. 제조공장

- "Am bahnhof 30 74638 Waldenburg, Germany" 에 위치한 R. STAHL Schaltgeraete 에서 제조하는 아래 인증범위의 제품에 한함.

2. 제품개요

- The push button for panel mounting, types 8003/1.1-... .-.-. and 8003/1.3-... .-.-. , is used for connecting and disconnecting load, control and signal circuits.
- Connection is by means of the integrated connecting cable (open-ended line) or the terminal compartment designed to type of protection Increased Safety "e".

3. 인증범위

- [첨부] 참조
- 동일형식일람표 [type 8003/1.1-... .-.-.] 참조.
- 동일형식일람표 [type 8003/1.3-... .-.-.] 참조.

4. 안전한 사용을 위한 조건

가. Notes for installation and use

- The rear end of the push button for panel mounting shall be installed so as to provide for mechanical protection against impact energy in accordance with IEC 60079-0, section 26.4.2.
- The connecting cable (open ended line) of the push button for panel mounting shall be installed to provide for permanent wiring and adequate protection against mechanical damage.

나. Schedule of components

- The push button for panel mounting shall be fitted with the following - separate certified - ex-components.

Designation	Type	Certificate Number
Contact block	8089	IECEX PTB 05.0022U
Command and signalling adapters	8602	IECEX PTB 06.0014U
Cable glands	8161	IECEX PTB 05.0016X

5. 인증(변경)사항

- IECEX PTB 06.0065X Issue No. 1 을 바탕으로 작성되었음.

6. 그 밖의 사항

- 안전인증품의 품질관리, 확인심사 수검, 변경사항 신고 등 인증 받은 자의 의무 준수.





[첨부] 17-GA4BO-0533X

(1 of 1)

가. Nomenclature

Push button for panel mounting Type 8003/abc-defg-h-i	
a	1 = Design
b	Contact circuitry
	1 = NO contact - NC contact / NO-NC
	2 = NC contact - NC contact / NC-NC
	3 = NO contact - NO contact / NO-NO
c	4 = NC contact - NO contact / NC-NO
	Type of connection
	1 = Cage clamp
	3 = Plug
d, e, f, g, h, i	numerals or letters without influence to explosion-protection

나. Technical Data

Rated insulation voltage	up to	550 V			
Rated operation voltage	up to	60 V	110 V	500 V	500 V
Rated current I _e	max.	6 A	1 A	6 A	6 A
Utilisation category		DC-13	DC-13	AC-13	AC-12
Provided the making and breaking capacities are met, rated values other than those specified above are acceptable and will be defined by the manufacturer on the basis of the operating mode, utilisation category, etc.					
Contacts	2 NC (positive NC)				
	2 NO				
	1 NO and 1 NCC				
Conductor size	0.75 to 1.5 mm ²				
Ambient temperature	-55 °C to +60 °C				



동 일 형 식 일 랍 표 [type 8003/1.1-... .-.-.]

사업장명	R.stahl Schaltgeraete	개정일자 및 번호	인증번호	17-GA4B0-0533X	비 고
형식 및 모델번호		동일형식 항목 및 내역			동일형식 항목 3
형식번호	모델번호	동일형식 항목 1	동일형식 항목 2		
Pushbutton, 8003/1.1-001	8003/111-001	-	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-001	-		NC / NC	
	8003/131-001	-		NO / NO	
Pushbutton, silicone *), 8003/1.1-001S	8003/111-001S	-	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-001S	-		NC / NC	
	8003/131-001S	-		NO / NO	
Mushroom button, 8003/1.1-003	8003/111-003	-	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-003	-		NC / NC	
	8003/131-003	-		NO / NO	
Key-operated switch, 8003/1.1-008-2-r-MS1	8003/111-008-2-r-MS1	2 switching positions, latching, standard locking MS1	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-008-2-r-MS1			NC / NC	
	8003/131-008-2-r-MS1			NO / NO	
Key-operated switch, 8003/1.1-008-3-r-MS1	8003/111-008-3-r-MS1	3 switching positions, latching - latching, standard locking MS1	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-008-3-r-MS1			NC / NC	
	8003/131-008-3-r-MS1			NO / NO	
Mushroom stay-put button with key lock, silicone *), 8003/1.1-009S-MS1	8003/111-009S-MS1	Ø 38 mm, red (EM-STOP)	Spring clamp terminal with connection chamber	NO / NC	
	8003/121-009S-MS1			NC / NC	
	8003/131-009S-MS1			NO / NO	

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형식 및 모델번호		동일형식 항목 및 내역		
형식번호	모델번호	동일형식 항목 1	동일형식 항목 2	동일형식 항목 3
Mushroom stay-put button, silicone *), 8003/1.1-010S	8003/111-010S	Ø 38 mm, red (EM-STOP)	Spring clamp terminal with connection chamber	NO / NC
	8003/121-010S			
	8003/131-010S			
Mushroom stay-put button, 8003/1.1-012	8003/111-012	Ø 38 mm, black	Spring clamp terminal with connection chamber	NO / NC
	8003/121-012			
	8003/131-012			
Mushroom stay-put button, silicone *), 8003/1.1-015S	8003/111-015S	Ø 55 mm, red (EM-STOP)	Spring clamp terminal with connection chamber	NO / NC
	8003/121-015S			
	8003/131-015S			
Control switch, not lockable, 8003/1.1-726-2-r	8003/111-726-2-r	2 switching positions, latching	Spring clamp terminal with connection chamber	NO / NC
	8003/121-726-2-r			
	8003/131-726-2-r			
Control switch, not lockable, 8003/1.1-726-3-rr	8003/111-726-3-rr	3 switching positions, latching - latching	Spring clamp terminal with connection chamber	NO / NC
	8003/121-726-3-rr			
	8003/131-726-3-rr			
Control switch, lockable, 8003/1.1-727-2-r	8003/111-727-2-r	2 switching positions, latching	Spring clamp terminal with connection chamber	NO / NC
	8003/121-727-2-r			
	8003/131-727-2-r			
Control switch, lockable, 8003/1.1-727-3-rr	8003/111-727-3-rr	3 switching positions, latching - latching	Spring clamp terminal with connection chamber	NO / NC
	8003/121-727-3-rr			
	8003/131-727-3-rr			
8003/141-727-3-rr	8003/141-727-3-rr			NC / NO

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

동 일 형 식 일 략 표 [type 8003/1.3-... -.-.]

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형식 및 모델번호		동일형식 항목 및 내역		
형식번호	모델번호	동일형식 항목 1	동일형식 항목 2	동일형식 항목 3
Pushbutton, 8003/1.3-001	8003/113-001-6	-	Plug-in connection with 6m connection line	NO / NC
	8003/123-001-6	-		NC / NC
	8003/133-001-6	-		NO / NO
Pushbutton, silicone *), 8003/1.3-001S	8003/113-001S-6	-	Plug-in connection with 6m connection line	NO / NC
	8003/123-001S-6	-		NC / NC
	8003/133-001S-6	-		NO / NO
Mushroom button, 8003/1.3-003	8003/113-003-6	-	Plug-in connection with 6m connection line	NO / NC
	8003/123-003-6	-		NC / NC
	8003/133-003-6	-		NO / NO
Key-operated switch, 8003/1.3-008-2-r-MS1	8003/113-008-2-r-MS1-6	2 switching positions, latching, standard locking MS1	Plug-in connection with 6m connection line	NO / NC
	8003/123-008-2-r-MS1-6	2 switching positions, latching, standard locking MS1		NC / NC
	8003/133-008-2-r-MS1-6	2 switching positions, latching, standard locking MS1		NO / NO
Key-operated switch, 8003/1.3-008-3-r-MS1	8003/113-008-3-r-MS1-6	3 switching positions, latching - latching, standard locking MS1	Plug-in connection with 6m connection line	NO / NC
	8003/123-008-3-r-MS1-6	3 switching positions, latching - latching, standard locking MS1		NC / NC
	8003/143-008-3-r-MS1-6	3 switching positions, latching - latching, standard locking MS1		NO / NO
Mushroom stay-put button with key lock, silicone *), 8003/1.3-009S-MS1	8003/113-009S-MS1-6	Ø 38 mm, red (EM-STOP)	Plug-in connection with 6m connection line	NO / NC
	8003/123-009S-MS1-6			NC / NC
	8003/133-009S-MS1-6			NO / NO

사업장명	R.stahl Schaltgeraete	개정일자 및 번호	인증번호	17-GA4BO-0533X
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형식번호	모델번호	동일형식 항목 1	동일형식 항목 2	동일형식 항목 3
Mushroom stay-put button, silicone *), 8003/1.3-010S	8003/113-010S-6	Ø 38 mm, red (EM-STOP)	Plug-in connection with 6m connection line	NO / NC
	8003/123-010S-6			NC / NC
	8003/133-010S-6			NO / NO
Mushroom stay-put button, 8003/1.3-012	8003/113-012-6	Ø 38 mm, black	Plug-in connection with 6m connection line	NO / NC
	8003/123-012-6			NC / NC
	8003/133-012-6			NO / NO
Mushroom stay-put button, silicone *), 8003/1.3-015S	8003/113-015S-6	Ø 55 mm, red (EM-STOP)	Plug-in connection with 6m connection line	NO / NC
	8003/123-015S-6			NC / NC
	8003/133-015S-6			NO / NO
Control switch, not lockable, 8003/1.3-726-2-1	8003/113-726-2-1-6	2 switching positions, latching	Plug-in connection with 6m connection line	NO / NC
	8003/123-726-2-1-6			NC / NC
	8003/133-726-2-1-6			NO / NO
Control switch, not lockable, 8003/1.3-726-3-1-1	8003/113-726-3-1-1-6	3 switching positions, latching	Plug-in connection with 6m connection line	NO / NC
	8003/123-726-3-1-1-6			NC / NC
	8003/133-726-3-1-1-6			NO / NO
Control switch, lockable, 8003/1.3-727-2-1	8003/113-727-2-1-6	2 switching positions, latching	Plug-in connection with 6 m connection line	NO / NC
	8003/123-727-2-1-6			NC / NC
	8003/133-727-2-1-6			NO / NO
Control switch, lockable, 8003/1.3-727-3-1-1	8003/113-727-3-1-1-6	3 switching positions, latching	Plug-in connection with 6 m connection line	NO / NC
	8003/123-727-3-1-1-6			NC / NC
	8003/133-727-3-1-1-6			NO / NO
Control switch, lockable, 8003/1.3-727-3-1-1	8003/143-727-3-1-1-6	3 switching positions, latching	Plug-in connection with 6 m connection line	NO / NC
	8003/123-727-3-1-1-6			NC / NC
	8003/133-727-3-1-1-6			NO / NO

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

