



제16-0878호

# 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 \_\_\_\_\_

Control Panel

\_\_\_\_\_ 형식 · 모델 / 용량 · 등급 / 인증번호 \_\_\_\_\_

형식 · 모델	용량 · 등급	인증번호
8265/54	Max. 1100 V, Max 250 A Ex d e IIC T6...T5	16-GA4BO-0878

\_\_\_\_\_ 인 · 증 기 준 \_\_\_\_\_

방호장치 의무안전인증 고시(고용노동부고시 제2013-54호)

\_\_\_\_\_ 인 증 조 건 \_\_\_\_\_

뒷면 인증조건 참조

2016 년 12 월 20 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 control panel type 8265/5\*--\*\*\* is made of a separately certified enclosure in the type of protection Flameproof Enclosure "d" and Protection by Enclosure "tb" out of aluminum with a screw-on cover. It is designed to accommodate switching and control gear, measuring equipment and display units. The control panel may be coated with a polyester powder. Maximum thickness is 0.2 mm. Cover and side walls may be fitted with separate certified actuator rods and/or sight glasses. The control panel can be combined with terminal boxes in type of protection Increased Safety "e" and Protection by Enclosure "tb". It is possible to combine several terminal boxes together. Connection is by means of cable bushings, wire bushings or direct cable entries.

## 3. 인증범위

- 첨부 참조

## 4. 안전한 사용을 위한 조건

- 가. 제품 사용 시 사용설명서를 참고할 것.
- 나. 사용되는 컴포넌트는 방폭인증을 받은 제품으로 사용할 것.
- 다. The effective ambient temperature of the associated built-in components is tested.
- 라. Notes for manufacturing and operation  
Unused openings shall be closed as specified in IEC 60079-1, section 11. The temperature class T4 is only suitable for control panels with built-in components in type of protection Intrinsic Safety or for components which are only partially heat-conducting and do not damage other components.  
The control panel with a coating of polyester powder must not be used in areas affected by charge-producing processes, mechanical friction and separation processes, electron emission (e.g. in the vicinity of electrostatic coating equipment), and pneumatically conveyed dust.

## 5. 인증(변경)사항

- IECEx PTB 07.0029 Issue No. 2 을 바탕으로 작성되었음.

## 6. 그 밖의 사항

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





# [첨부] 16-GA4BO-0878

(1 of 1)

가. Dimensions of the enclosure:

Type	Length [mm]	Width [mm]	Depth [mm]
8265/54	236	236	227

나. Technical Data:

Rated insulation voltage <sup>1)</sup>	max.	690 V	1100 V	11000 V
Rated cross section	Up to	120 mm <sup>2</sup>		
Ambient temperature range	°C	-60 °C to +60 °C		

※ <sup>1)</sup> : Subject to cable or wire bushing and terminal box and terminals used.

다. Maximum installable heat dissipation:

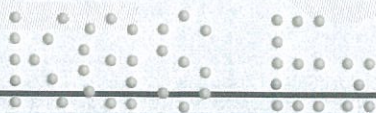
Control panel type	T6		T5	
	Ta = +60 °C	Ta = +40 °C	Ta = +60 °C	Ta = +40 °C
8265/54-***	38 W	85 W	72 W	130 W

※ Rated values are maximum values, the actual electrical values are determined by mounted electrical apparatus. Within these limiting values complying with the appropriate standards the manufacturer specifies the final limiting values dependent on power supply specifications, operating mode, utilization category, etc. Any other technical details are specified in the test documents. If required, equipment with type of protection intrinsic Safety built-in, which is covered by a separate certificate. The composition of the protection symbol will be based on the types of protection of components actually used.

라. Nomenclature:

8265	/	5	*	-	***
1		2	3		4

- 1) type series
- 2) control panel
  - 1 = Increased Safety "e"
  - 2 = Intrinsic Safety "i"
- 3) enclosure height;
  - 1 = 125 x 125 x 132 mm
  - 2 = 155 x 155 x 132 mm
  - 3 = 195 x 195 x 172 mm
  - 4 = 236 x 236 x 227 mm
  - 5 = 285 x 285 x 230 mm
  - 6 = 335 x 335 x 281 mm
- 4) additional information without reference to explosion-protection







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# 안 전 인 증 서

## R. STAHL Schaltgeraete

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품 목

Control Panel

형식 · 모델 / 용량 · 등급 / 인증번호

형식 · 모델	용량 · 등급	인증번호
8265/56	Max. 1100 V, Max 250 A Ex d e IIC T6...T5	16-GA4BO-0879

인 증 기 준

방호장치 의무안전인증 고시(고용노동부고시 제2013-54호)

인 증 조 건

뒷면 인증조건 참조

2016 년 12 월 20 일

한국가스안전공사 사장





# 인 증 조 건

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## [첨부] 16-GA4BO-0879

(1 of 1)

가. Dimensions of the enclosure:

Type	Length [mm]	Width [mm]	Depth [mm]
8265/56	335	335	281

나. Technical Data:

Rated insulation voltage <sup>1)</sup>	max.	690 V	1100 V	11000 V
Rated cross section	Up to	120 mm <sup>2</sup>		
Ambient temperature range	°C	-60 °C to +60 °C		

※ <sup>1)</sup> : Subject to cable or wire bushing and terminal box and terminals used.

다. Maximum installable heat dissipation:

Control panel type	T6		T5	
	Ta = +60 °C	Ta = +40 °C	Ta = +60 °C	Ta = +40 °C
8265/56-***	58 W	138 W	115 W	205 W

※ Rated values are maximum values, the actual electrical values are determined by mounted electrical apparatus. Within these limiting values complying with the appropriate standards the manufacturer specifies the final limiting values dependent on power supply specifications, operating mode, utilization category, etc. Any other technical details are specified in the test documents. If required, equipment with type of protection intrinsic Safety built-in, which is covered by a separate certificate. The composition of the protection symbol will be based on the types of protection of components actually used.

라. Nomenclature:

8265	/	5	*	-	***
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