

제24-0417호



# 안전인증서

R.STAHL Schaltgerate GmbH

Am Bahnhof 30 D-74638 waldenburg Germany

위 사업장에서 제조하는 아래의 품목이 「산업안전보건법」 제84조 및 같은 법 시행규칙 제110조제1항에 따른 안전인증 심사 결과 안전·보건기준에 적합하므로 안전인증표시의 사용을 인증합니다.

## 품 목

Control panel

## 형식·모델 / 용량·등급 / 인증번호

형식·모델	용량·등급	인증번호
8265/53	Max. 1100 V, Max. 250 A, Max. 120 mm2 Ex tb IIIc T85°C, T95°C Db IP66	24-GA4BO-0417X

## 인증기준

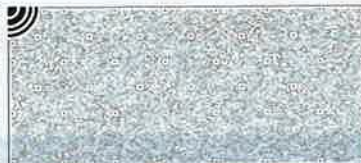
방호장치 안전인증 고시(고용노동부고시 제2021-22호)

## 인증조건

Tamb : -60°C ~+60°C, 뒷면참조

2024년 06월 28일

한국가스안전공사 사장





# 인 증 조 건

## 1. 제조공장

Am Bahnhof 30 74638 Waldenburg, Germany에 위치한 R.STAHL Schaltgeräte GmbH에서 생산한 제품 중 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 “db” and protection by enclosure “tb” out of aluminum with threaded joint cover. The control panel can be combined with terminal boxes in type of protection Increased Safety “eb” and Protection by Enclosure “tb”. Connection is made by means of Ex d cable entries, Ex d conduit entries, Ex d bushings or other suitable entry devices, certified and suitable for the application. The cover and walls of the explosion-proof enclosure can be equipped with flameproof built-in control axles, for example coupler, lock, control bushing or axle bushing and inspection window.

※ 자세한 사항은 [첨부] 참조

## 3. 인증범위

품목 명 : Control panel, 모델 명 : 8265/53에 한하여 인증함

## 4. 안전한 사용을 위한 조건

가. 제품 사용 시 사용설명서를 참고할 것.

나. Ingress protection according to IEC 60079-0, IEC 60079-7 and IEC 60079-31, depends on the assembled Ex components or Ex equipments.

다. The maximum permissible ambient temperature range of the control and distribution box can be limited by the maximum permissible service temperature ranges of the separately certified components.

라. The composition of the type of protection marking will be based on the types of protection of components actually used.

마. The control panel may be combined with each other and/or with terminal boxes designed to type of protection Increased Safety “eb” and Protection by Enclosure “tb”

## 5. 인증(변경)사항

## 6. 그 밖의 사항

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

나. 본 안전인증서는 반드시 관련 IECEx 인증서(IECEx PTB 07.0029 Issue No. 3)와 함께 사용할 것





## [첨부] 24-GA4BO-0417X

(1 of 1)

가. Dimensions of the enclosure:

Type	Length [mm]	Width [mm]	Depth [mm]
8265/53	195	195	172

나. Technical Data:

Rated insulation voltage	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		

다. Nomenclature:

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

- 1) type series
- 2) design  
5 = control panel
- 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 parameters that do not affect the explosion protection of devices  
(-\*) May contain additional digits or characters, including “-”, “/” or “.”.

라. Notes for manufacturing and operation

- 1) In order to ensure the ingress protection IP, the cover of the empty enclosure, the flange enclosure, the sealing frame and other Ex-components must be properly installed and with the appropriate torque.
- 2) Equipment of the type of protection intrinsic safety “i” is to be installed in such a way that the distance, creepage distances and clearances between intrinsically safe circuits and non-intrinsically safe circuits comply with the requirements of IEC 60079-11.
- 3) When components are installed into the empty enclosure, clearance and creepage distances specified in the standard IEC 60079-7 and IEC 60079-11 shall duly be complied with
- 4) The control and distribution box 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.

