

제24-0186호



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

PLUG

형식·모델 / 용량·등급 / 인증번호

형식·모델	용량·등급	인증번호
8570/**_***_*	Max. 690 Vac, 110 Vdc, Max. 20 A Ex eb T6...T5 Gb	24-GA4BO-0186X

인증기준

방호장치 안전인증 고시(고용노동부고시 제2021-22호)

인증조건

Tamb : -50°C ~+35°C...65°C, 뒷면참조

2024년 04월 17일

한국가스안전공사 사장





[첨부] 24-GA4BO-0186X

1. 명명법

8570	/	*	*	-	*	**	-	*
a	/	b	c	-	d	e	-	f

a Type series

b Design : 1 standard (16A / 20A), 2 North America (20A)

c Device : 2 Plug

d Poles

3 2P + PE or 1P + N + PE

4 3P + PE

5 3P + N + PE

e Position for earth contact and voltage / frequency / color

f Sealing material

B silicone free

S containing silicone

2. Ambient temperature

For Plug type 8570/*2-***-* with sealing ring made of D0122-01:

$-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +35^{\circ}\text{C} \dots 65^{\circ}\text{C} / T6 \dots T5$ by current range 6A...16A (20A)

For Plug type 8570/*2-***-* with sealing ring made of D0123-01:

$-50^{\circ}\text{C} \leq T_{\text{amb}} \leq +35^{\circ}\text{C} \dots 65^{\circ}\text{C} / T6 \dots T5$ by current range 6A...16A (20A)

3. Service temperature

For Plug type 8570/*2-***-* with sealing ring made of D0122-01:

$-40^{\circ}\text{C} \leq T_s \leq +75^{\circ}\text{C}$ (for the enclosure ring and cable gland)

$-40^{\circ}\text{C} \leq T_s \leq +95^{\circ}\text{C}$ (for terminals)

For Plug type 8570/*2-***-* with sealing ring made of D0123-01:

$-50^{\circ}\text{C} \leq T_s \leq +75^{\circ}\text{C}$ (for the enclosure ring and cable gland)

$-50^{\circ}\text{C} \leq T_s \leq +95^{\circ}\text{C}$ (for terminals)

4. Electrical data

	Main contacts	
	3 poles	4, 5 poles
Max. rated operational voltage	550V AC / 110 V DC	690V AC / 110 V DC
Max. rated insulation voltage	550 V AC	750 V AC
Max. rated operational current	16A / 20 A	
Rated frequency	0... 500 Hz	
Short-circuit protection	16 A gG(without thermal protection) 35 A gG(with thermal protection)	
Terminal capacity for plug type 8570/*2-***	1 x 1.5...4 mm ² (16... 12 AWG) solid or stranded	
PE conductor size	Max 4 mm ²	
Tightening torque	Terminals : 1.2 Nm Terminal compartment cover : 1.0 Nm Cable gland screw : 0.5 Nm Cable strain relief : 1.5 Nm	
Clamping range of cable gland	8 up 13 mm (silicone) 8 up to 15 mm(silicone free)	
Cable entries (of the Plug)	8 up to 18 mm Ring 1+2+3+4 : 8 up to 11 mm Ring 2+3+4 : 11 up to 15 mm Ring 3+4 : 15 up to 18 mm(only silicone)	