

제24-0183호



안전인증서

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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
8571/**_***_*	Max. 690 Vac, 110 Vdc, Max. 32 A Ex tb IIIC T81°C Db	24-GA4BO-0183X

인증기준

방호장치 안전인증 고시(고용노동부고시 제2021-22호)

인증조건

Tamb : -50°C ~+40°C...65°C, 뒷면참조

2024년 04월 17일

한국가스안전공사 사장





[첨부] 24-GA4BO-0183X

1. 명명법

8571	/	*	*	-	*	**	-	*
a	b	c	d	-	e	f	-	g

a Type series

b version / Complete device packed

c Design : 1 standard, 2 North America,

d Device : 2 Plug

e Poles

4 3P + PE

5 3P + N + PE

f Position for earth contact and voltage / frequency / colour

g Sealing material

B silicone free

S containing silicone

2. Ambient temperature

For Plug type 8571/*2-***-* with sealing ring made of D0122-01:
 $-40^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C} \dots 65^{\circ}\text{C} / T6 \dots T5$ by current range 16A...32A

For Plug type 8571/*2-***-* with sealing ring made of D0123-01:
 $-50^{\circ}\text{C} \leq T_{\text{amb}} \leq +40^{\circ}\text{C} \dots 65^{\circ}\text{C} / T6 \dots T5$ by current range 16A...32A

3. Service temperature

For Plug type 8571/*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 8571/*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
	4, 5 poles
Max. rated operational voltage	690V AC / 110 V DC
Max. rated insulation voltage	750 V AC
Max. rated operational current	32 A
Rated frequency	0... 500 Hz
Short-circuit protection	35 A gG
Terminal capacity for plug type 8571/*2-***	1 x 2.5...10 mm ² (12...8 AWG) stranded
PE conductor size	Max 10 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	13 up to 25 mm
Cable entries (of the Plug)	13 up to 25 mm Ring 1+2+3+4+5 : 13 up to 16 mm Ring 2+3+4+5 : 16 up to 19 mm Ring 3+4+5 : 19 up to 22 mm Ring 4+5 : 22 up to 25 mm