

KU100-Limit switch box

(Explosion proof type)



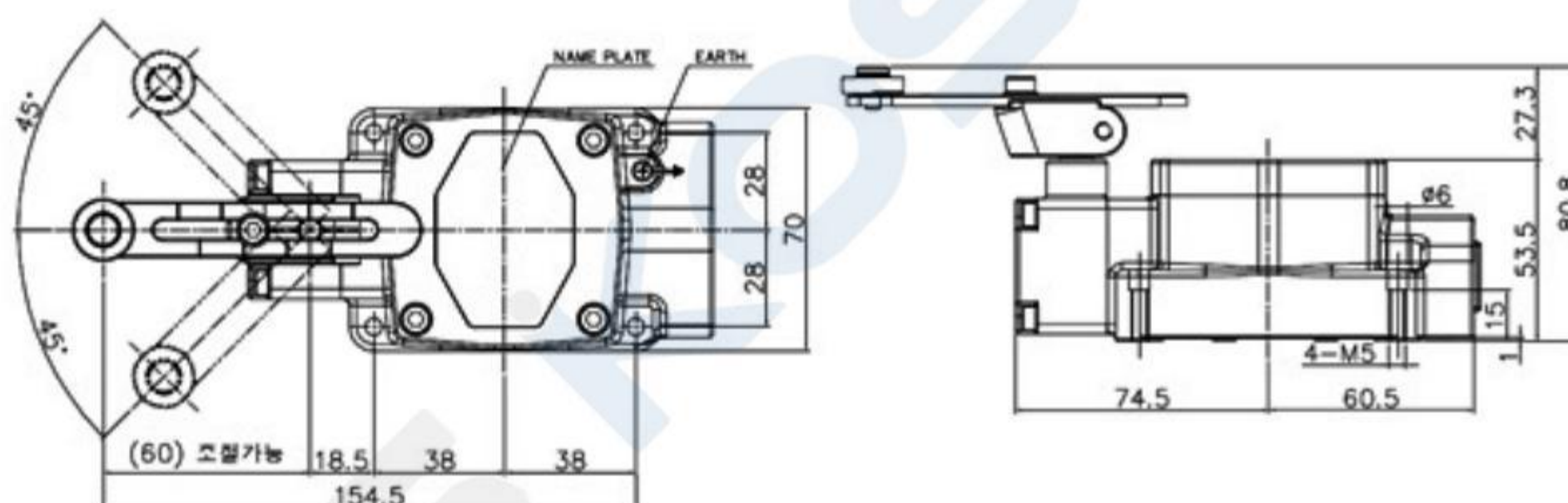
Specification

Allowable operation speed		0.1 m ~ 1 m/s		
Insulation resistance		Min 100MΩ (500 V d.c insulated ohmmeter)		
Contact resistance		Max 50 mΩ		
Dielectric strength	Between non-continuos terminal	AC 1,000V / 50~60Hz for 1 minute		
	Between each terminal and non-conduction metal part	AC 2,000V / 50~60Hz for 1 minute		
Vibration resistance		10~55Hz, double amplitude 1.5 mm		
Shock resistance	Destruction	Approx. 1,000 m/s²		
	Malfunction	Approx. 300 m/s²		
Mechanical life		Over 1 million operations (open/close frequency 120 times/min)		
Electrical life		Over 0.3 million operations (open/close frequency 20 times/min)		
Operating temp.		-10 ~ +60 °C		
Operating humidity		45 ~ 85% RH		
Explosion proof type		Ex d IIC T6 IP67		
Rated voltage	Rated electro current (A)			
	Resistive load	Inductive load	Electric motor load	
			N.C	N.O
AC 125 V	15	10	2	1
AC 250 V	10	6	1.5	0.75
DC 125 V	0.4	0.05	-	-
DC 250 V	0.2	0.03	-	-

Label	Wiring
PROTECTION GRADE: KU100 Ex d IIC T6 IP67 15-KB280-0071 (KTL) Ambient -10~+60° ELECTRIC RATING: 125V - 10A 250V - 5A 125VDC - 0.8A 250VDC - 0.4A	

Drawing

KU10- M ¹⁾ 90 ²⁾		
1)	M	Metal roller
	P	Plastic roller
2)	30	15°+15°
	90	45°+45°



KOSA PLUS

KOSAPLUS Co.,Ltd.

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-Data contained in the Catalog may be subject to change without advance notice for improvement of performance&safety of Product.

-Contact us for the most recent product and technical information. Visit our website for more details: <http://www.kosaplus.com>

No. 2015-039190-01



안전인증서

Certificate of Safety

KOSAPLUS Co.,Ltd.

294, Gongdan2daero, Siheung, Gyeonggi, 429-936, Korea

The following product manufactured by the above company has been authorized for the use of safety certification mark as the product has satisfied the safety and health requirements under Article 34 of OCCUPATIONAL SAFETY AND HEALTH ACT and paragraph 4 of Article 58-4 of ENFORCEMENT ORDINANCE OF the same ACT.

Electrical Equipment

Explosion proof limit switch

Model (Marking) / Certificate No.

KU100 (Ex d IIC T6 IP67) / 15-KB2BO-0071

Applied standards

Announcement No. 2013-54 of Ministry of Employment and Labor

Conditions of Certification

- 1. Manufacturing location(s):** This certificate is only valid for the specified products produced at '294, Gongdan2daero, Siheung, Gyeonggi, 429-936, Korea'.
- 2. Description of equipment**
 - Rating: 125 V - 10 A, 250 V - 5 A, 125 Vdc - 0.8 A, 250 Vdc - 0.4 A
 - Ambient Temperature: $-10^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$
- 3. Scope of certification :** This certificate is only valid for the models as above.
- 4. Special conditions for safe use:** None
- 5. Details of certificate changes**
 - 1st Revision(2015.07.07.): This certificate is reissued for the change of the model name and adding the washer at fasteners.
- 6. Details of the others:** Manufacturer shall take the responsibility including maintaining quality requirements for the certified products, receiving factory surveillance and informing any changes to the certified products.

Date of Issue : 2015-2-6

한국산업기술시험원장

KOREA TESTING LABORATORY





제2015-039190-01호

안전인증서

(주)코사플러스

경기도 시흥시 공단2대로 294 (정왕동, 시화공단 3바 301-1호)

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

품 목

Explosion proof limit switch

형식·모델(용량·등급) / 인증번호

KU100 (Ex d IIC T6 IP67) / 15-KB2BO-0071

인 증 기 준

고용노동부고시 제2013-54호

인 증 조 건

1. 제조공장

본 인증서는 '경기도 시흥시 공단2대로 294 (정왕동, 시화공단 3바 301-1호)'에서 생산하는 제품에 한함.

2. 제품개요

·제품정격: 125 V - 10 A / 250 V - 5 A / 125 Vdc - 0.8 A / 250 Vdc - 0.4 A
·사용주위온도: $-10^{\circ}\text{C} \leq T_a \leq +60^{\circ}\text{C}$

3. 인증범위: 본 인증서는 위의 형식번호에 한하여 유효함.

4. 안전한 사용을 위한 조건: 없음.

5. 인증(변경)사항:

·기재사항변경(2015.07.07): 기존 제15-002118-01호에서 모델명 변경(기존: EPSA, 변경후: KU100)과 조임나사에 Washer가 추가됨에 따라 재발행 함.

6. 그 밖의 사항

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

2015 년 2 월 6 일

한국산업기술시험원장

