LP Gas Alarm Specifications

Product name	LP gas alarm with external output
Type	ＫＴＳ－Ｐ５３１、 ＫＴＳ－Ｐ５３１（Ｓ）
Detailed type	ＫＴＳ－Ｐ５３１Ｃ、ＫＴＳ－Ｐ５３１Ｃ（Ｓ）
Target use	LP gas only (Not intended to prevent poisoning due to incomplete combustion or lack of oxygen)
Alarm spec	More than 1/100 and less than 1/4 of the lower explosive limit concentration (LEL)
Detection method	Contact combustion type
Alarm system Indicator lamp Warning sound	Delayed-warning type auto-return red Lamp: Immediate flashing Voice synthesized sound: delay time approx. 15 seconds “false alarm prevention type” Beep-beep-beep, is there a gas leak?
Response Time	Within 30 seconds
Alarm volume	70dB／m or more
External output PC output For meter connection	Photo-coupler open collector (PC) output: Delay time approx. 1 min. ・When monitoring ＯＦＦ ・When alarmed ①ON/OFF (every 5 seconds) [when connected to the alarm terminal of S-type meter]. ②ON [when connected to other than ①(alarm terminal of S-type meter)]. ※ S-type meter compatible function: Output method is selected according to the connection destination (① or ②) (Automatic detection of when an S-type meter is connected to the alarm terminal and when it is not)
Power indicator	Red light
Power	AC100V±10%, 50/60Hz common
Power consumption	Monitoring: approx. 1.0W, Alarm: approx. 1.4W
Operating temp.	-10 to +40° C (no condensation)
Initial Tweet Prevention	Approx. 40 seconds (red lamp blinks)
Simple inspection function	※ This function is only available for approximately 3 minutes after the initial ringing prevention time. (1) Detects gas for 10 seconds (LED starts blinking when gas is detected) (2) Alarm action Alarm (sound): 3 times, LED flashing and alarm output: 1 minute continuous (3) (3) Automatic return (after operation (2)) Automatic restart to monitored state
Power cord	ＫＴＳ－Ｐ５３１ : Approx. 2.5 m (plug with spare outlet) ＫＴＳ－Ｐ５３１（Ｓ） : Approx. 35 cm
Dimensions and weight	120(H)×70(W)×30(D)mm (excluding protrusions), approx. 280g
Installation	Wall-mounted with mounting brackets Mounting position: either portrait or landscape ※KTK-14 (sold separately) is required for installation in a switch box
Accessories	User's Manual and Warranty １部 Inspection gas 1 In case of alarm 1
Optional goods	mounting bracket 1 cord stopper 3 Wood screw (long) 3 Wood screw (short) 2

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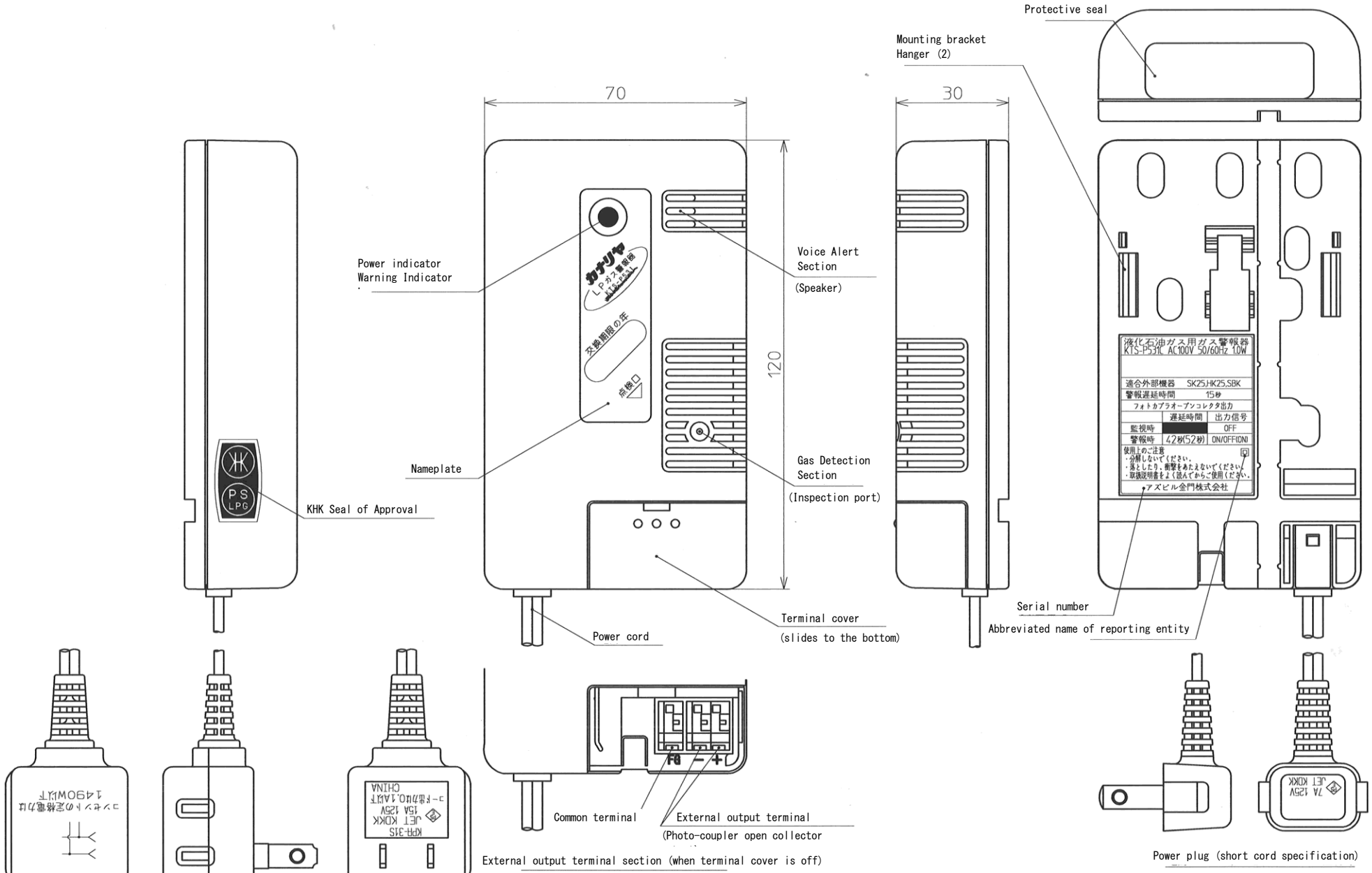

KTS-P531C : Cord length approx. 2.5 m (plug with spare outlet)

KTS-P531C(S) : Cord length approx. 35 cm (short cord specification)

MARK	COUNT	DATE	REVISION
3		. .	
2		. .	
1		. .	

APPROVED	CHECKED	DRAWN	DATE
Motoyama	Itou	Komatsu	2014.9.1

MATERIAL	REMARK
	Representative model: KTS-P531
PROJECTION / SCALE 1:1	NAME: OUTLINE VIEW AND SPECIFICATION
Azbil Kimmon Co.,Ltd. JAPAN	DRAWING No. G-KTSP531C-A000A