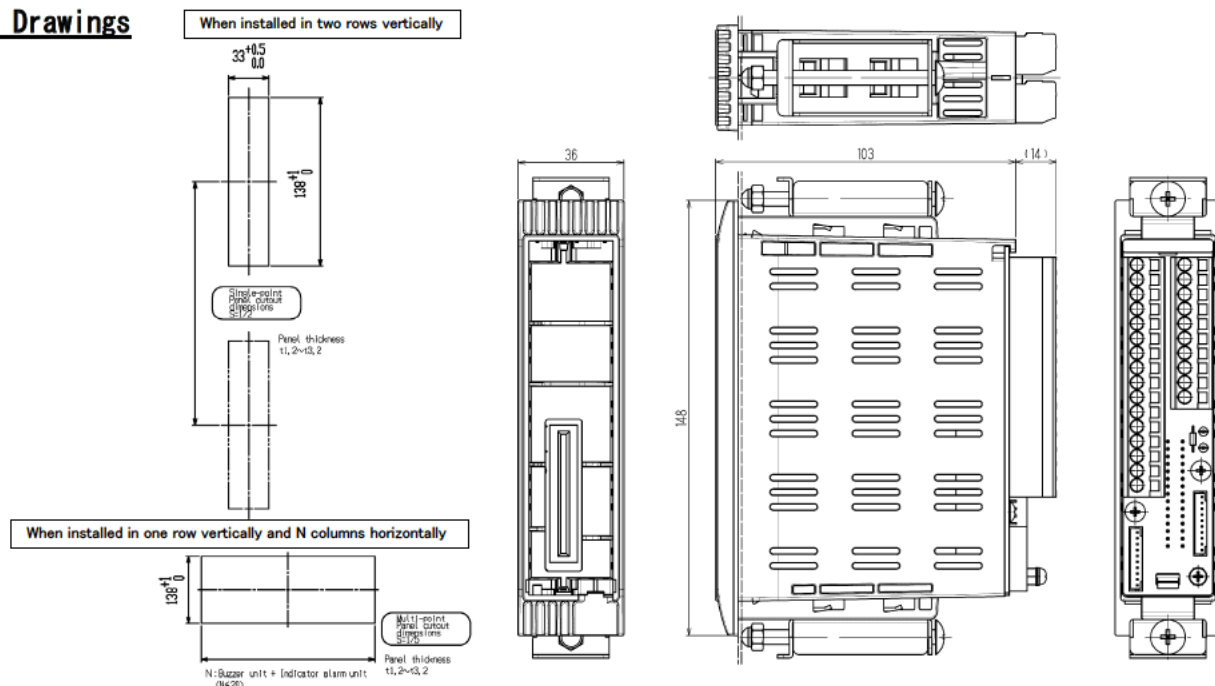


SINGLE CASE 5000-SR SPECIFICATION

Model	5000-SR
Structure	Panel mounting type
Outer dimension	Approx. 36 (W) × 148 (H) × 117 (D) mm (projection excluding)
Weight	Approx. 0.24kg

Outline Drawings



Terminal Drawings

Buzzer unit

11	Unassigned		1	+	Power input DC24V
12			2	+	
13	Buzzer stop Signal input		3	-	
14	Reset signal input		4	-	
15	Reset signal output		5	Common first alarm contact output	
16	Unassigned		6	Common second alarm contact output	
17	Buzzer stop Signal output		7	Common fault alarm contact output	
18	Common (for 13,14)		8		
19	First alarm Signal input		9	Common fault alarm contact output	
20	Second alarm Signal input		10		
21	Fault alarm Signal input				
22	Buzzer signal Input-output				
23	Unassigned				
24					
25	A	RS-485 Input- output			
26	B				

Indicator/alarm unit

11			1	+	Power input DC24V
12	Detector head		2	+	
13			3	-	
14			4	-	
15	Reset signal input		5	First alarm contact output	
16	Test input		6	Second alarm contact output	
17	Buzzer stop Signal input		7	Fault alarm contact output	
18	Common (for 15,16,17)		8		
19	First alarm Signal output		9		
20	Second alarm Signal output		10		
21	Fault alarm Signal output				
22	Buzzer signal output				
23	+	4-20mA output			
24	-				
25	A	RS-485 Input- output			
26	B				

※ The RS-485 Input-output depends on the specifications of the indicator/alarm unit.

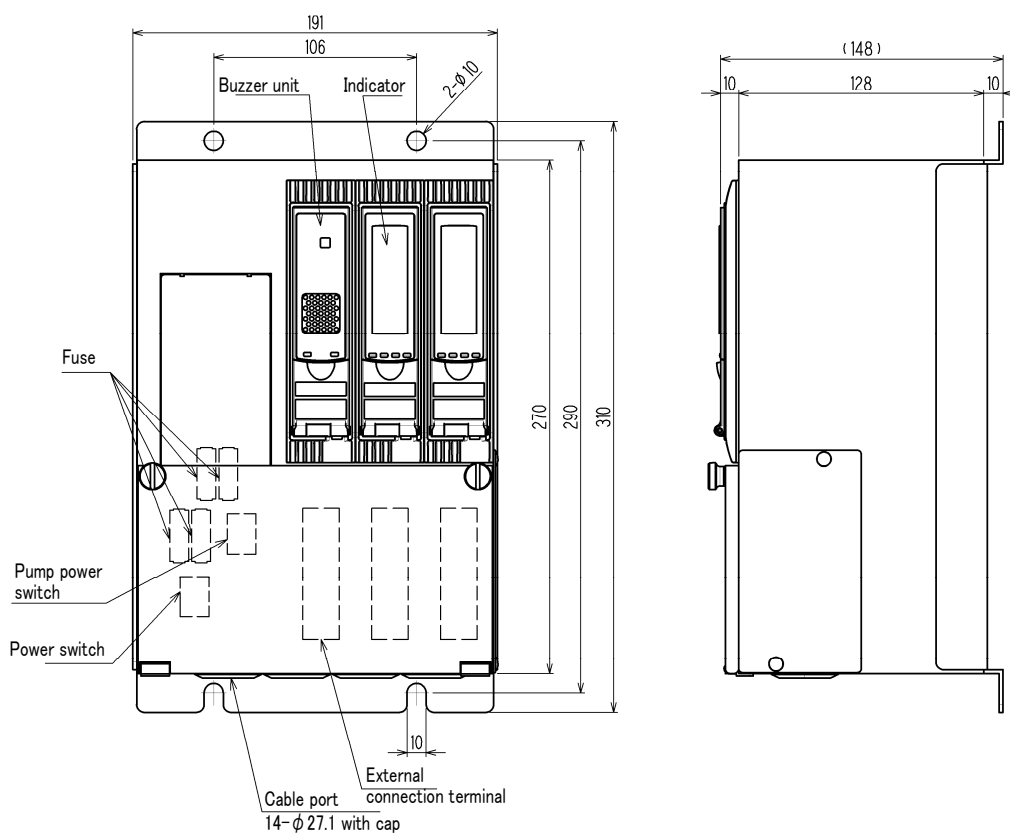
※ The RS-485 Input-output is option.

※ A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-02W SPECIFICATION

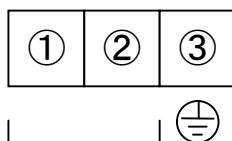
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 191 (W) × 310 (H) × 148 (D) mm (projection excluding)
Weight	Approx. 4.5kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

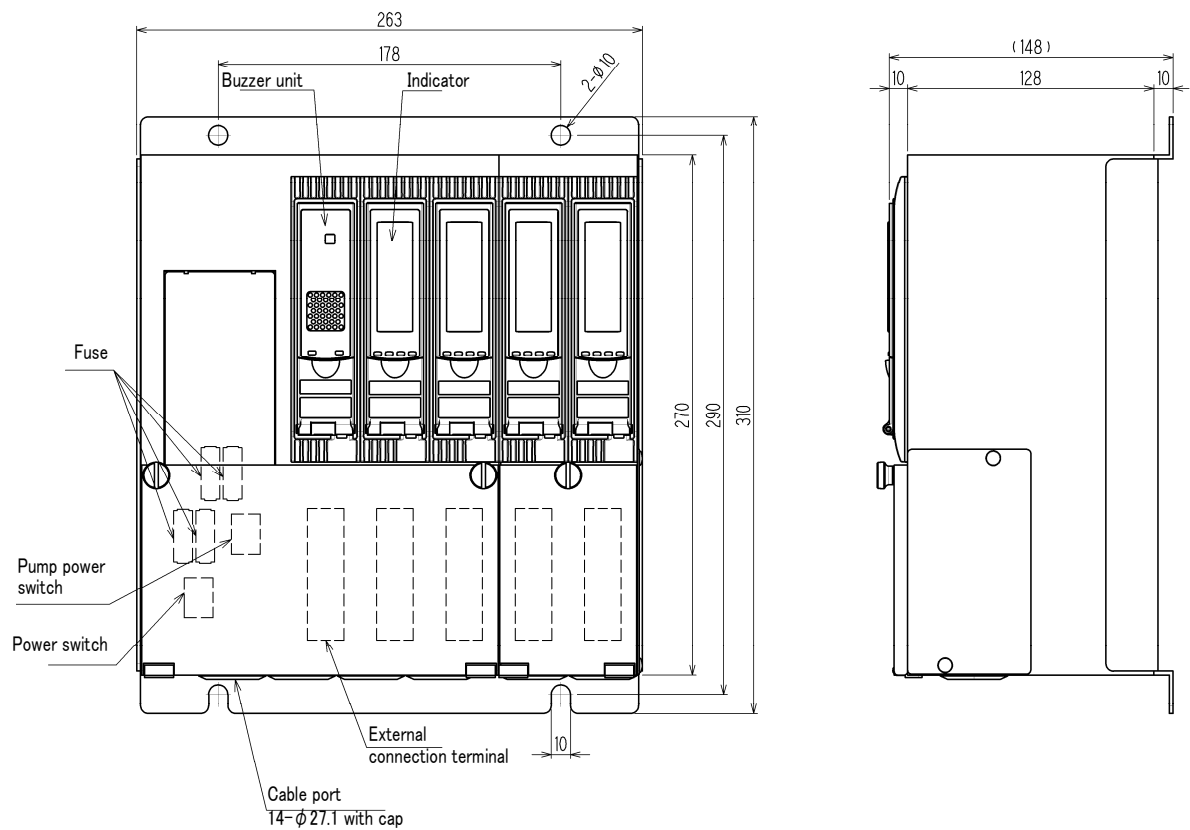
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-04W SPECIFICATION

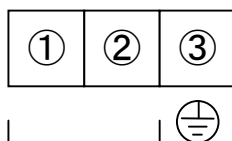
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 263 (W) × 310 (H) × 148 (D) mm (projection excluding)
Weight	Approx. 6.5kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

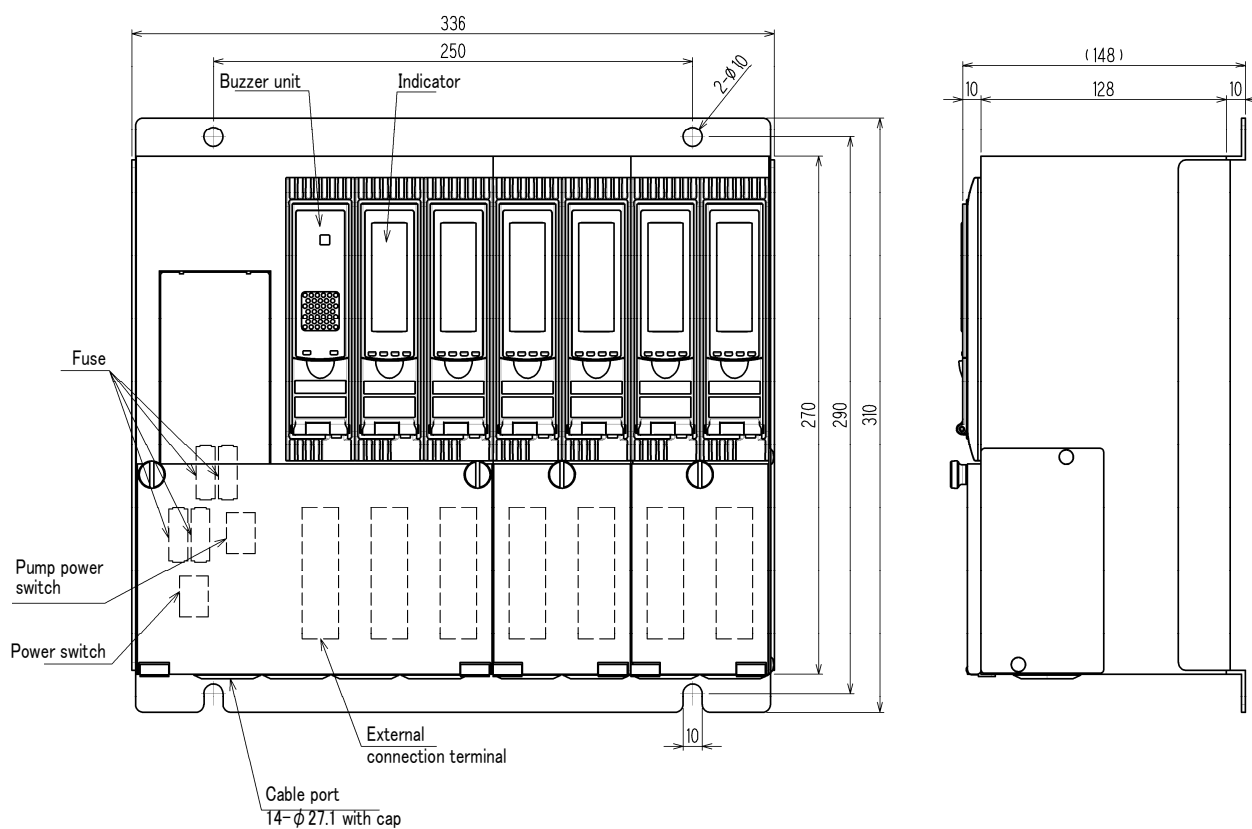
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-06W SPECIFICATION

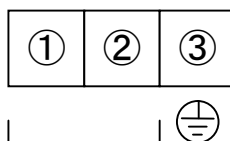
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply(AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH(non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 336(W) × 310(H) × 148(D)mm (projection excluding)
Weight	Approx. 8.5kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④			
DC24V Output	+	⑤	⑪	T.FAULT	Common fault alarm contact output
	-	⑥	⑫		
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

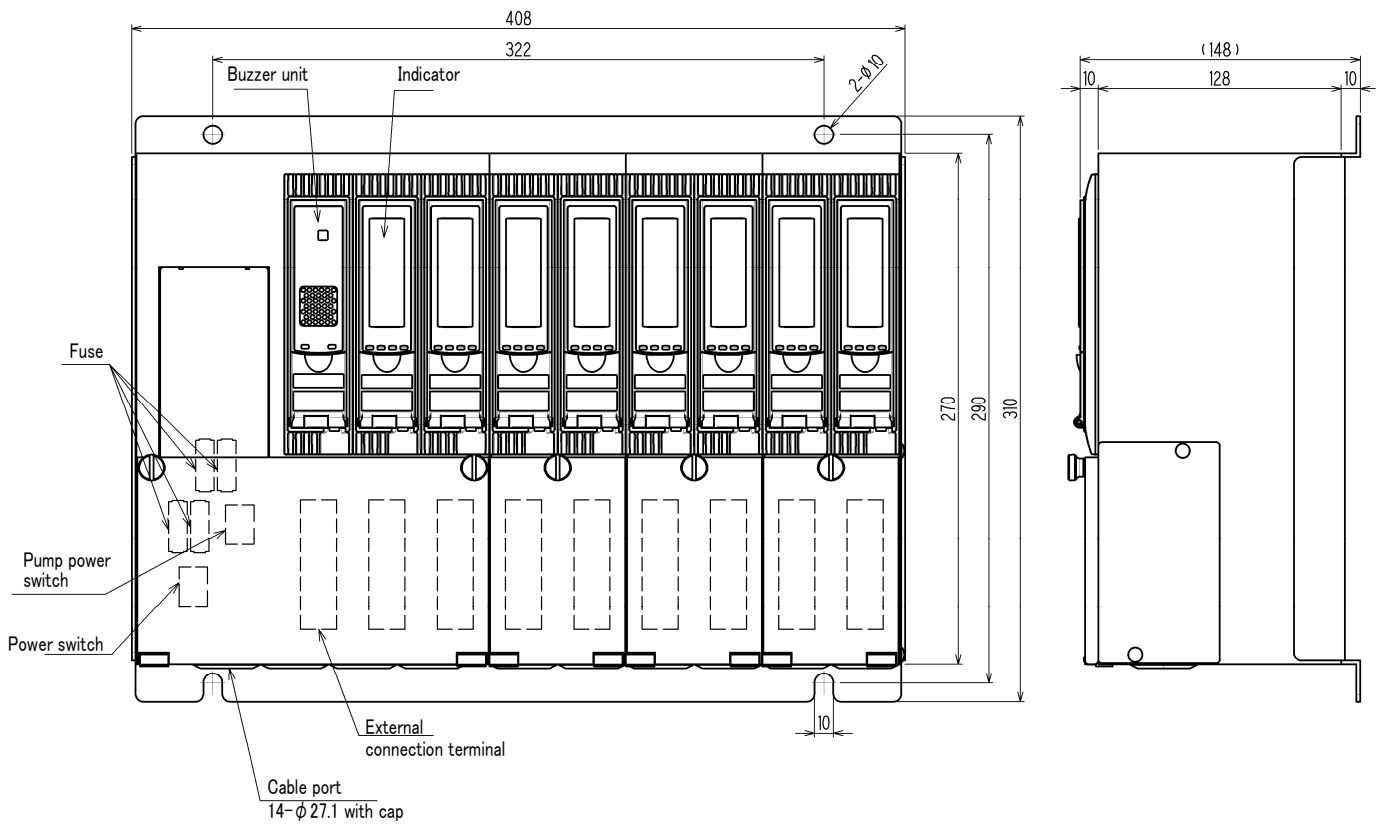
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-08W SPECIFICATION

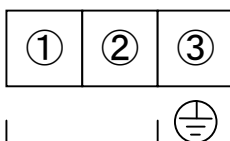
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 408(W) × 310(H) × 148(D)mm (projection excluding)
Weight	Approx. 10.5kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

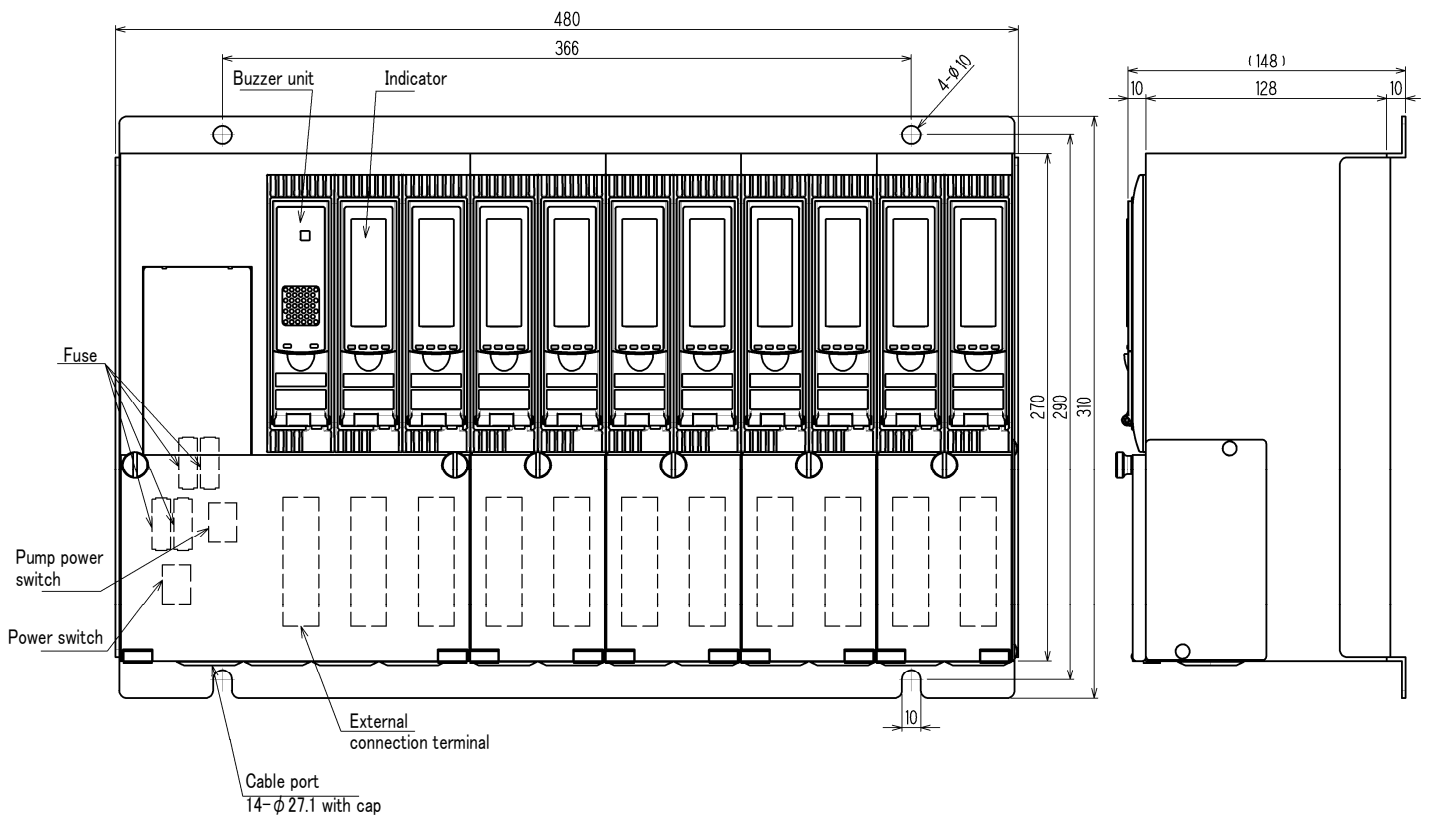
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-10W SPECIFICATION

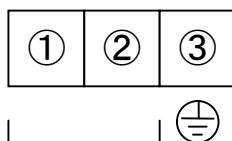
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 480 (W) × 310 (H) × 148 (D) mm (projection excluding)
Weight	Approx. 12.0kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

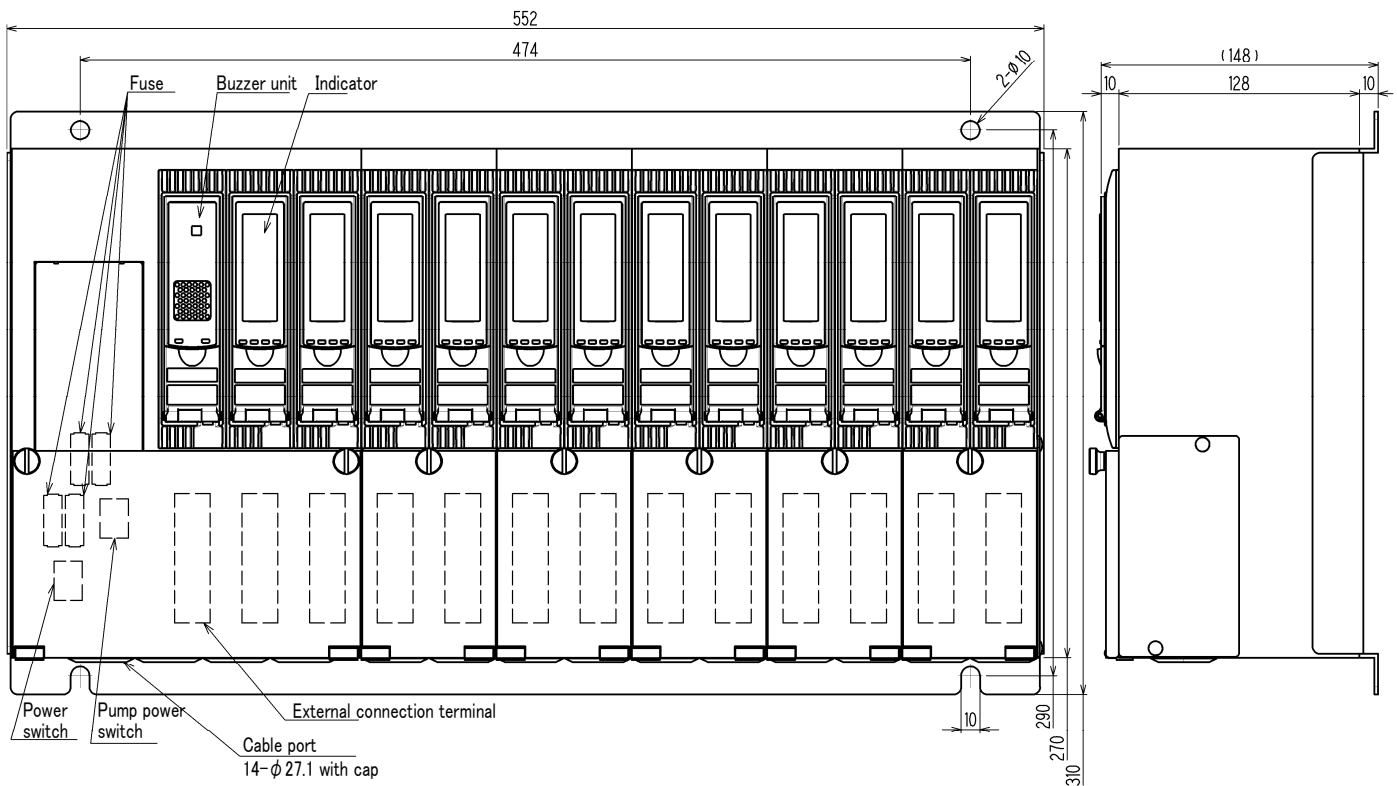
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-12W SPECIFICATION

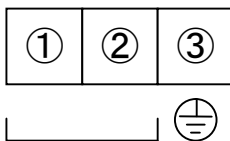
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Wall mounting type
Outer dimension	Approx. 552(W) × 310(H) × 148(D)mm (projection excluding)
Weight	Approx. 14.0kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
		-	⑥		
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

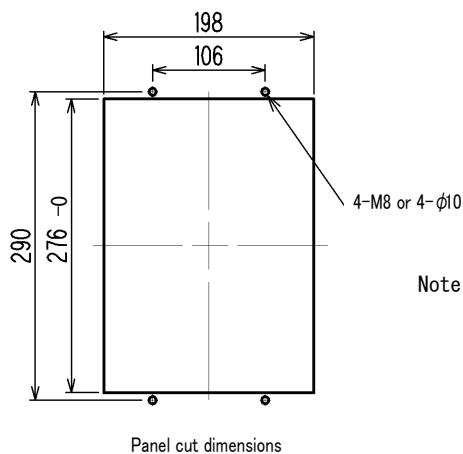
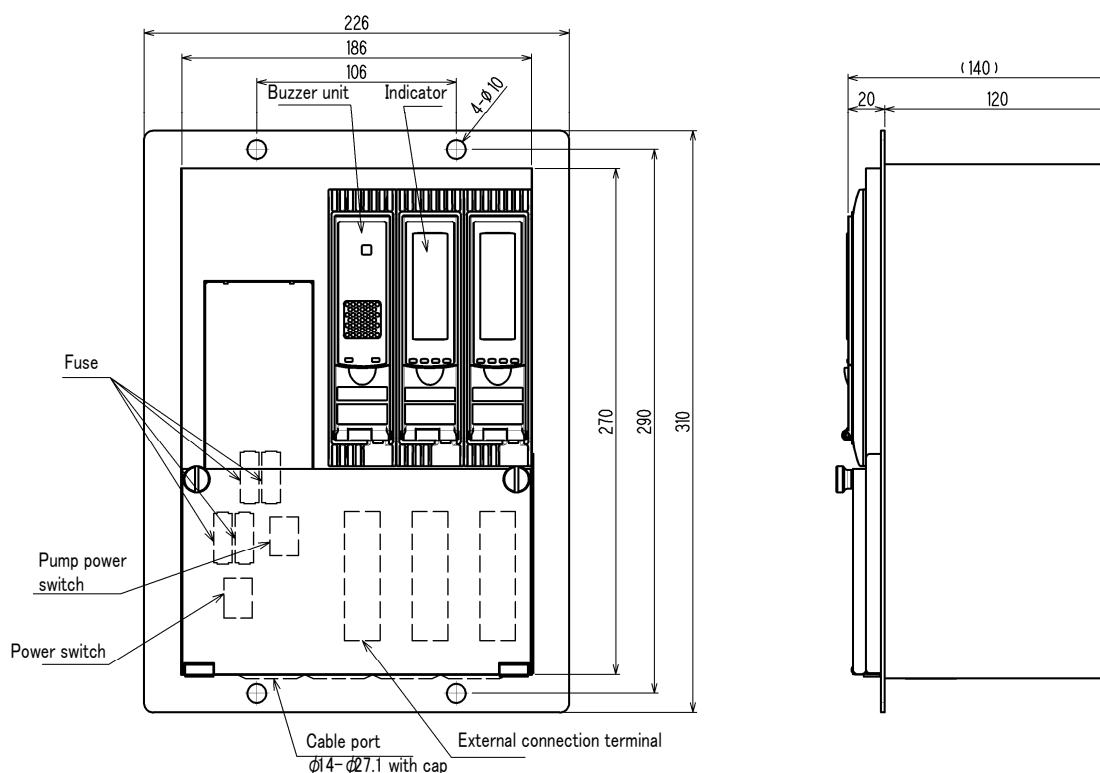
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-02R SPECIFICATION

Power supply	AC100~240V±10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 226 (W) × 310 (H) × 140 (D)mm (projection excluding)
Weight	Approx. 6.0kg
Remarks	External terminal : Screw terminal · size M3

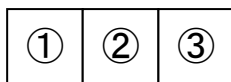
Outline Drawings



Note: The cut surface (H276) should be cut on the positive side to the extent that the mounting hole position is not displaced to avoid the embedding frame (H276) becoming just the right size due to welding distortion, bending accuracy, etc., which would make embedding impossible.

Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

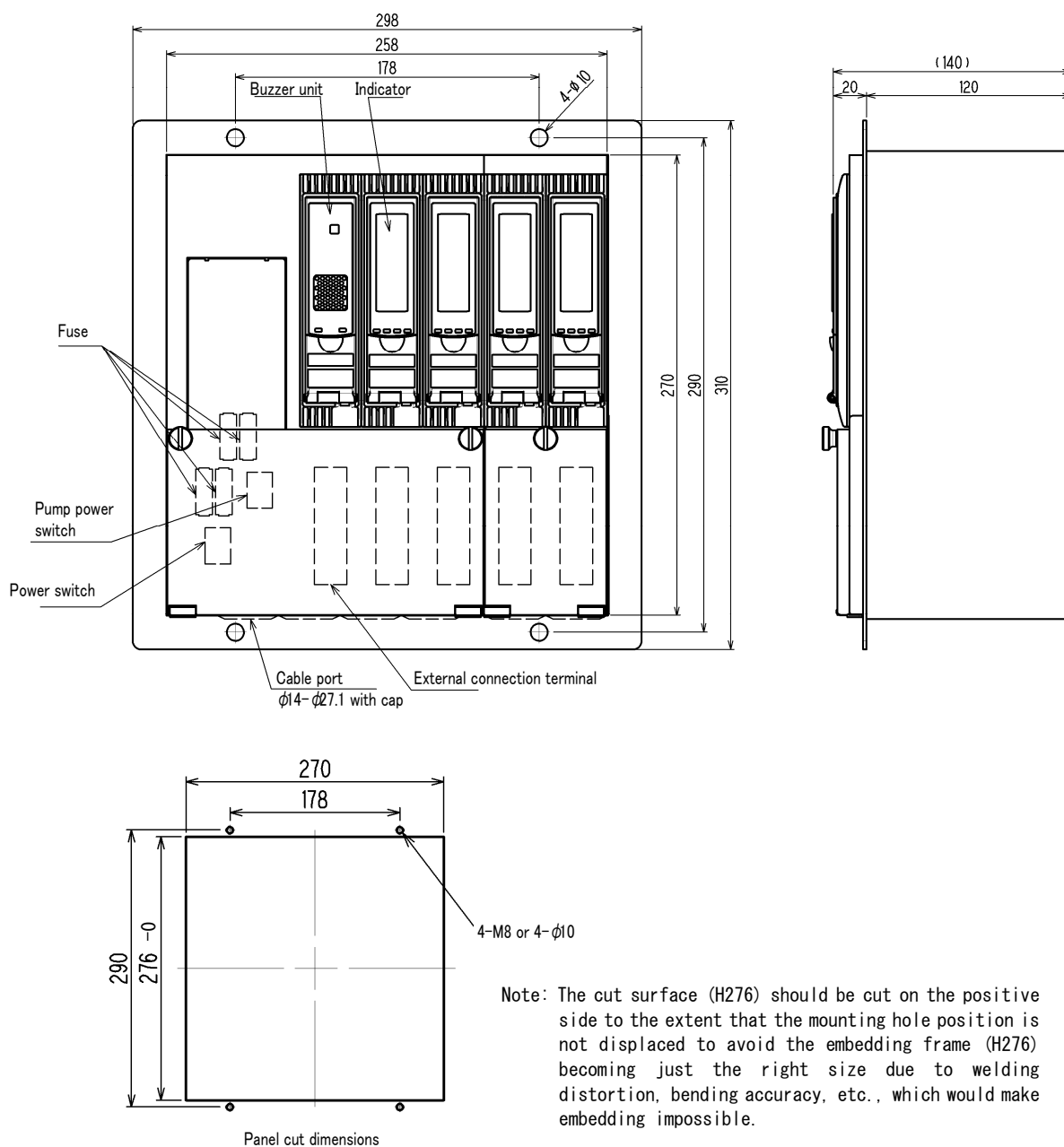
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-04R SPECIFICATION

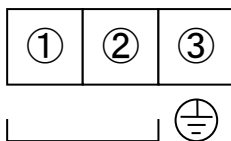
Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 298 (W) × 310 (H) × 140 (D)mm (projection excluding)
Weight	Approx. 8.0kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
		-	⑥		
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

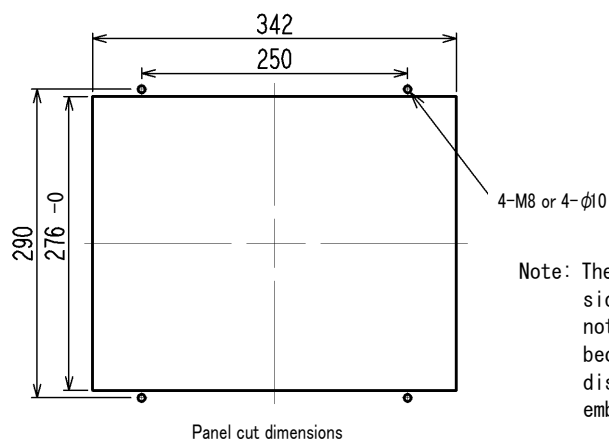
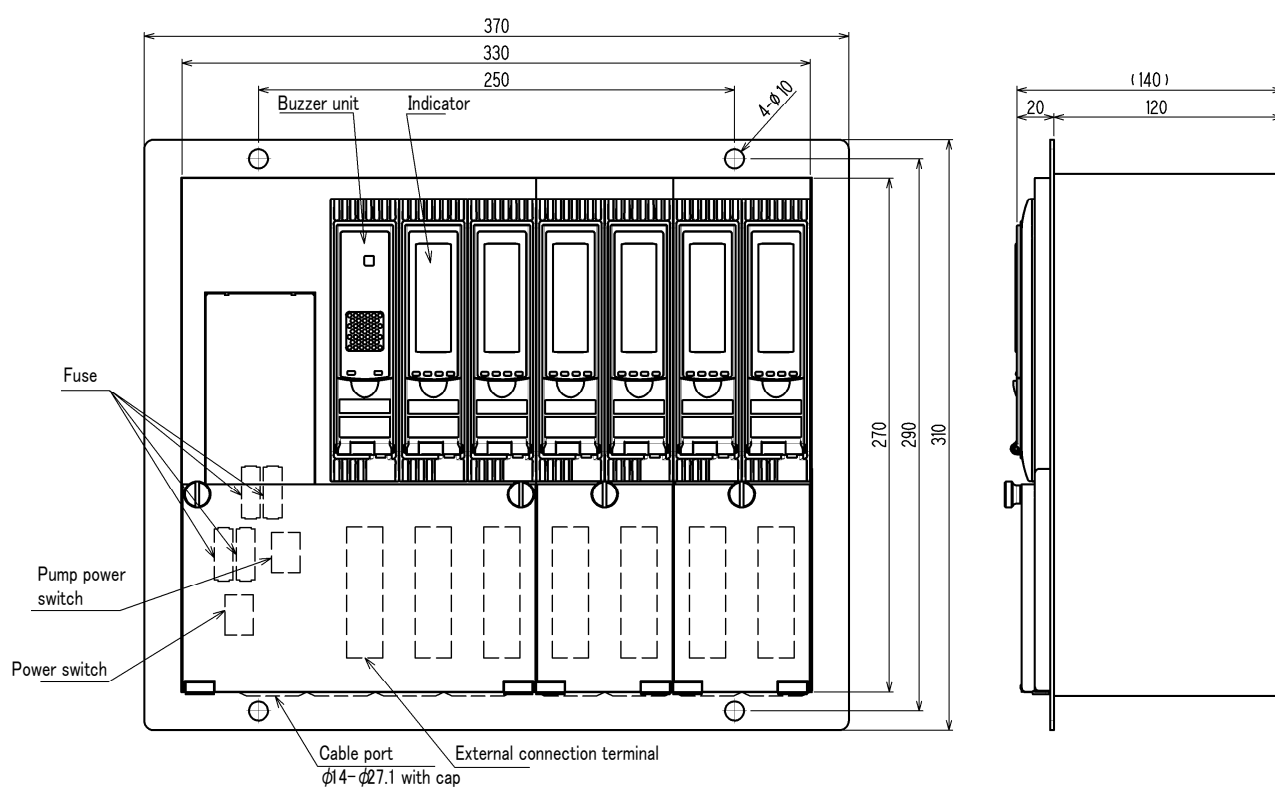
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-06R SPECIFICATION

Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 370 (W) × 310 (H) × 140 (D)mm (projection excluding)
Weight	Approx. 10.0kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Note: The cut surface (H276) should be cut on the positive side to the extent that the mounting hole position is not displaced to avoid the embedding frame (H276) becoming just the right size due to welding distortion, bending accuracy, etc., which would make embedding impossible.

Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG		⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG		⑬	+	4-20mA output
			⑭	-	

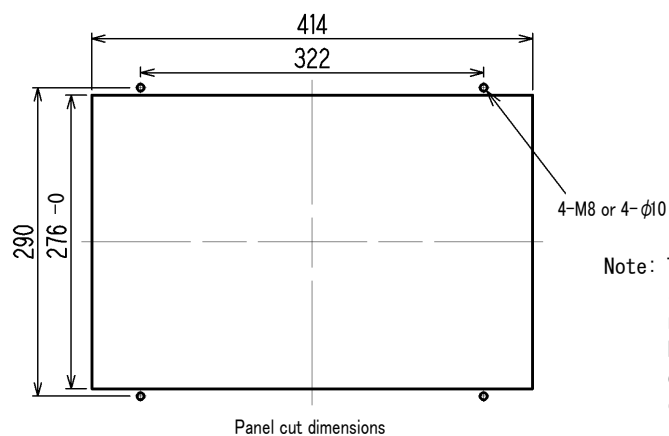
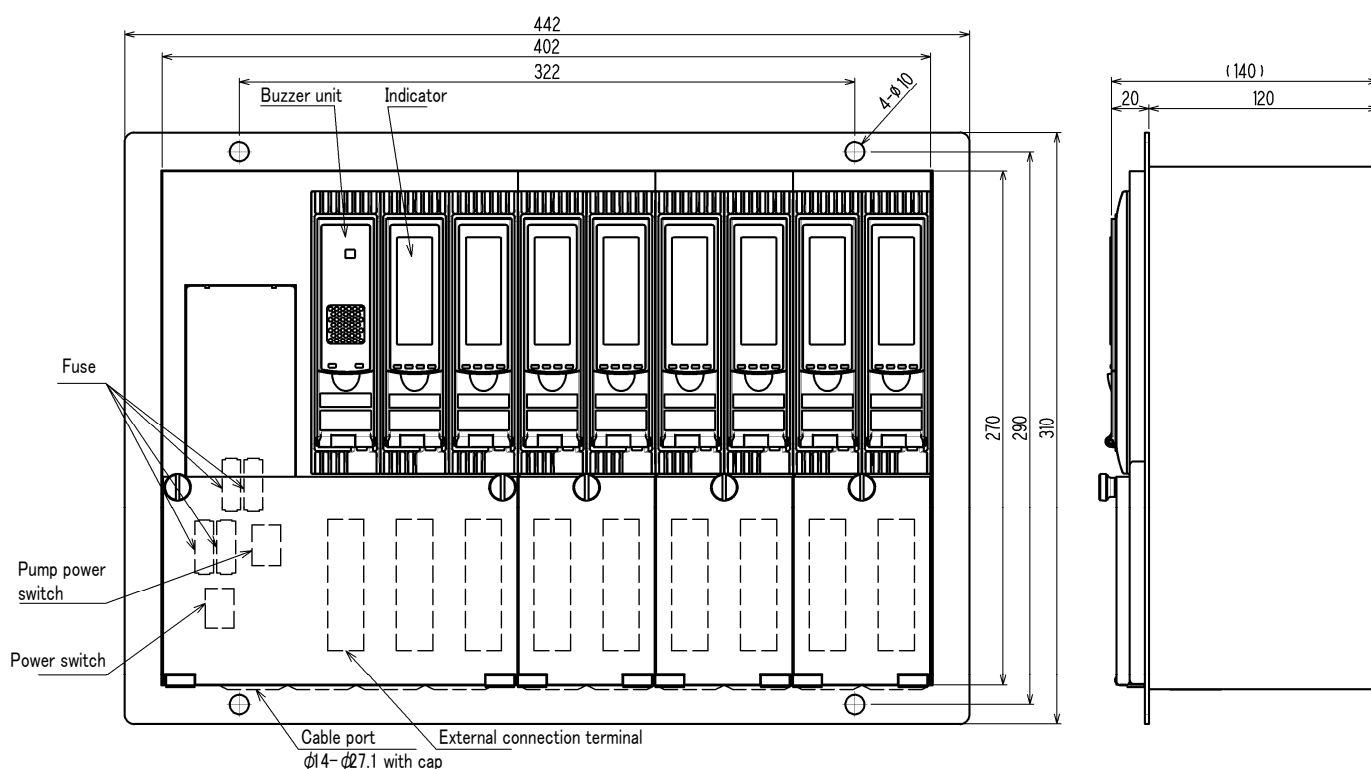
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-08R SPECIFICATION

Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 442 (W) × 310 (H) × 140 (D)mm (projection excluding)
Weight	Approx. 12.0kg
Remarks	External terminal : Screw terminal · size M3

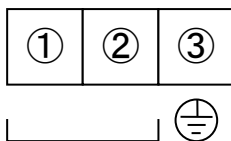
Outline Drawings



Note: The cut surface (H276) should be cut on the positive side to the extent that the mounting hole position is not displaced to avoid the embedding frame (H276) becoming just the right size due to welding distortion, bending accuracy, etc., which would make embedding impossible.

Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

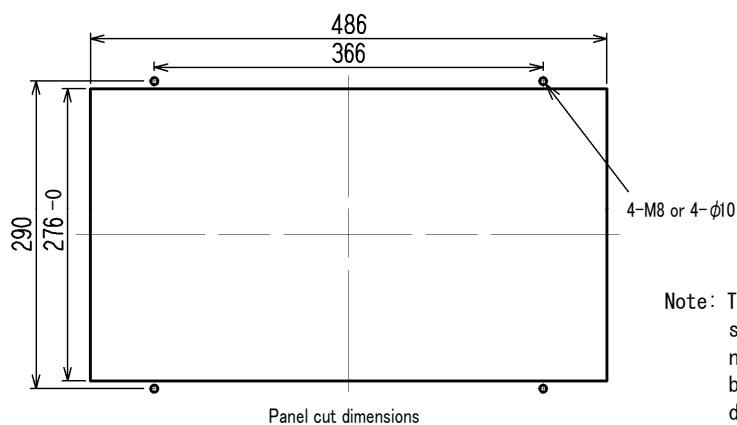
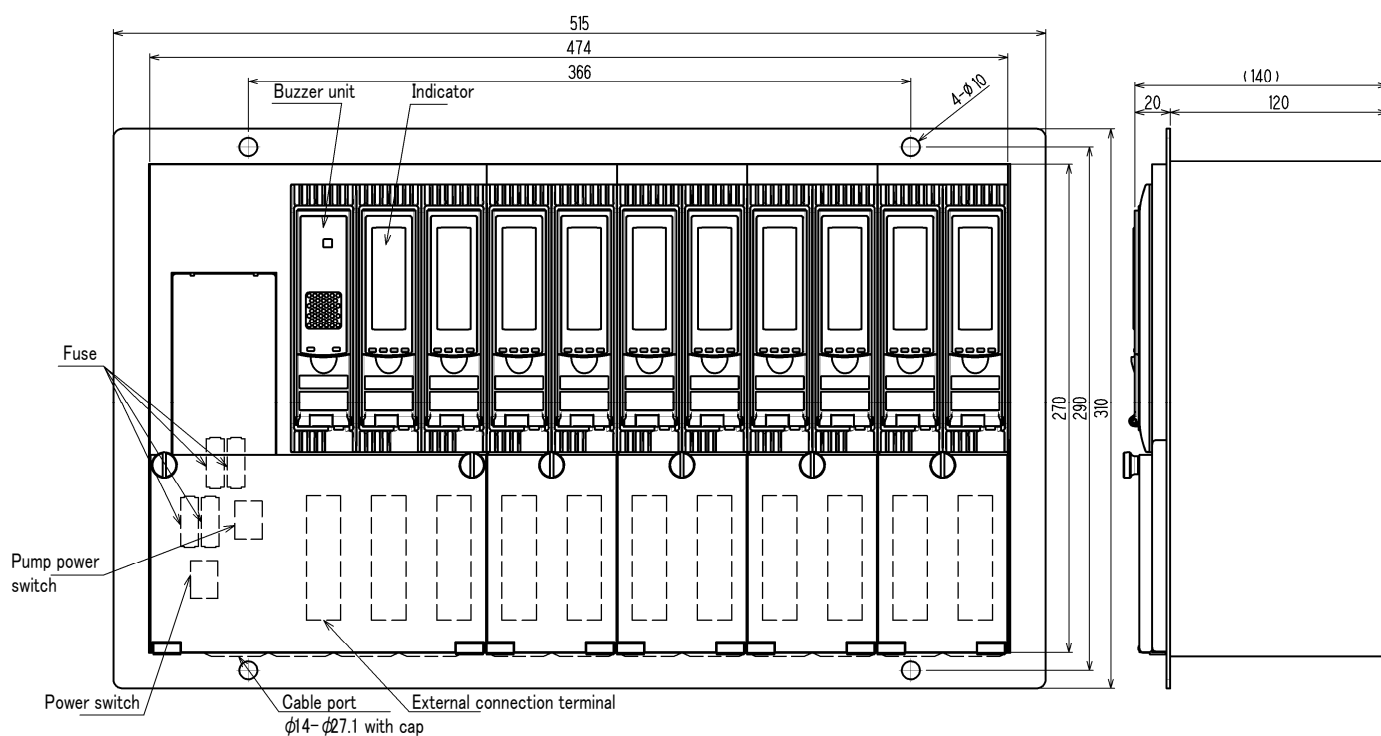
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-10R SPECIFICATION

Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 515 (W) × 310 (H) × 140 (D)mm (5000-10R) (projection excluding)
Weight	Approx. 14.0kg
Remarks	External terminal : Screw terminal · size M3

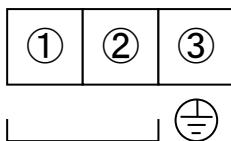
Outline Drawings



Note: The cut surface (H276) should be cut on the positive side to the extent that the mounting hole position is not displaced to avoid the embedding frame (H276) becoming just the right size due to welding distortion, bending accuracy, etc., which would make embedding impossible.

Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	⊥	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	⊥	⑬	+	4-20mA output
			⑭	-	

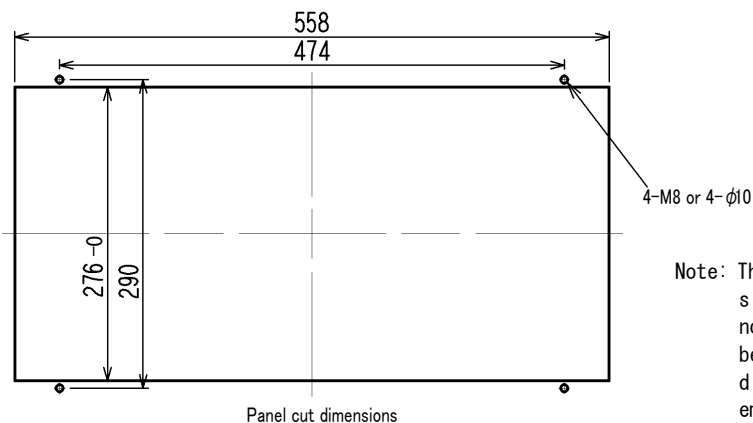
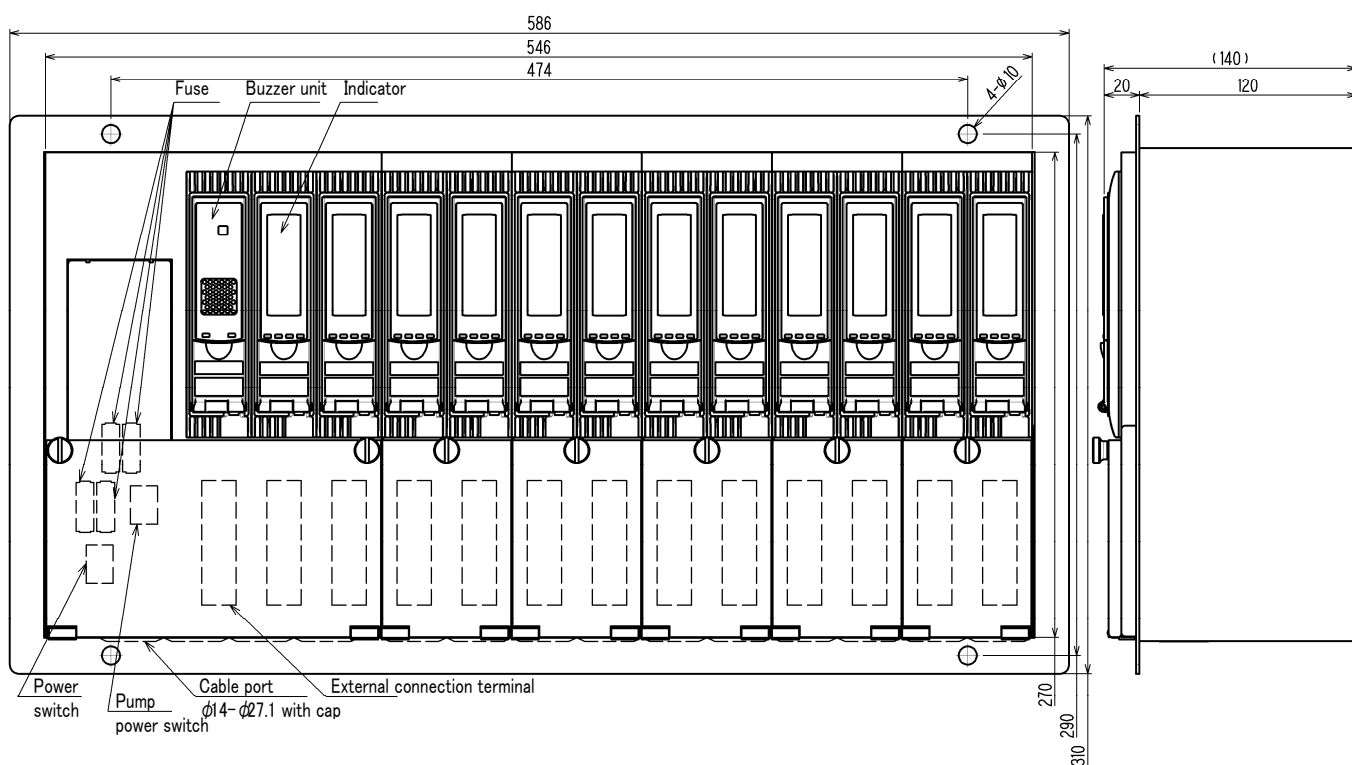
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

MULTI CASE 5000-12R SPECIFICATION

Power supply	AC100~240V \pm 10% · 50/60Hz
Power consumption	Approx. 7VA(Indicator/alarm unit, buzzer unit and pump excluding)
Utility	DC24V output (MAX. 12.5W) AC output for pump power supply (AC100~240V · MAX. 15VA per point)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	Less than 95%RH (non-condensing)
Structure	Panel mounting type
Outer dimension	Approx. 586 (W) × 310 (H) × 140 (D)mm (projection excluding)
Weight	Approx. 16.0kg
Remarks	External terminal : Screw terminal · size M3

Outline Drawings



Note: The cut surface (H276) should be cut on the positive side to the extent that the mounting hole position is not displaced to avoid the embedding frame (H276) becoming just the right size due to welding distortion, bending accuracy, etc., which would make embedding impossible.

Terminal Drawings

Power supply unit



Power input
AC100~240V
50/60Hz

Buzzer unit

RS-485 Input-output	A	①	⑦	T.ALM1	Common first alarm contact output
	B	②	⑧		
Buzzer stop Signal input	EX. BZ-STOP	③	⑨	T.ALM2	Common second alarm contact output
			⑩		
Test input	EX.TEST	④	⑪	T.FAULT	Common fault alarm contact output
DC24V Output	+	⑤	⑫		
	-	⑥			
Grounding terminal	FG	$\frac{\perp}{-}$	⑬	EX.RESET	Reset signal Input
			⑭	COM	Common

Indicator/alarm unit

AC power Supply for pump	(L)	①	⑦	ALM1	First alarm contact output
	(N)	②	⑧		
Detector head	DETECTOR	③	⑨	ALM2	Second alarm contact output
		④	⑩		
		⑤	⑪	FAULT	Fault alarm contact output
		⑥	⑫		
Grounding terminal	FG	$\frac{\perp}{-}$	⑬	+	4-20mA output
			⑭	-	

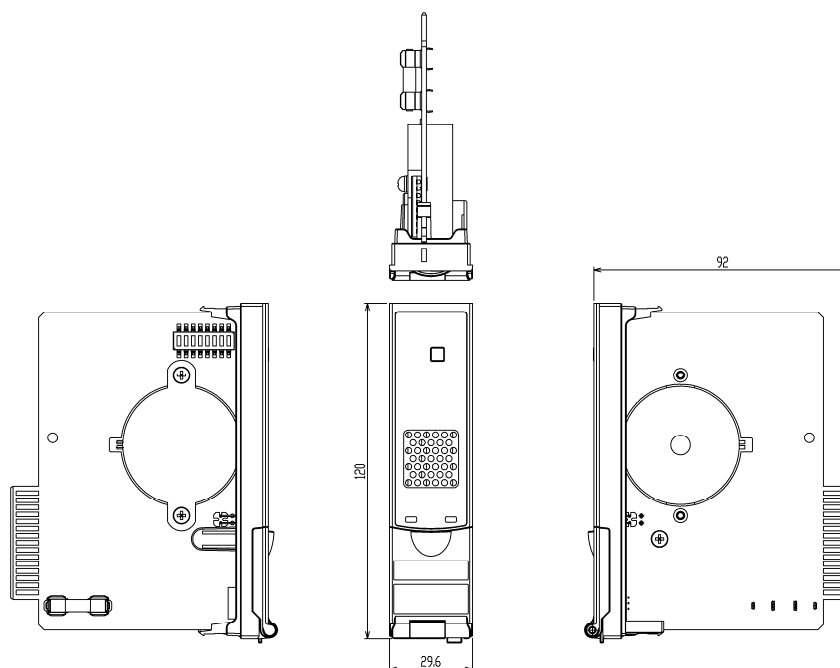
※The RS-485 input-output depends on the specifications of the indicator/alarm unit.

※A buzzer stop signal input is used only when specification of gas alarm action is lock-in.

BUZZER UNIT **TAN-5000 SPECIFICATION**

Power indication	POWER lamp lighting or blinking(green)
Gas alarm indication	Buzzer
Gas alarm action	Latched
Gas alarm contact	<u>Each no-voltage contact 1a or 1b(contact output for each alarm) · Non-exciting at normal(exciting at alarm) or exciting at normal (non-exciting at alarm)</u>
Trouble alarm · Self diagnosis	System failure/Indicator alarm unit common fault alarm
Trouble alarm indication	FAULT lamp lighting(yellow)/ <u>Buzzer sound ON or OFF</u>
Trouble alarm action	Auto-recover
Trouble alarm contact	<u>No-voltage contact 1a or 1b · Non-exciting at normal(exciting at alarm) or exciting at normal (non-exciting at alarm)</u>
Contact capacity	AC100V · 0.5A/DC30V · 1.5A(resistive load)
Power supply	DC24V (DC21.6~26.4V)
Power consumption	MAX. 2W (Approx. 4VA by using Multi-Case)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	10~90%RH (non-condensing)
Structure	Housing type for the case · front identification card type (put into Single case or Multi case)
Outer dimension	Approx. 29.6 (W) × 120 (H) × 92 (D) mm (projection excluding)
Weight	Approx. 80g (unit only)

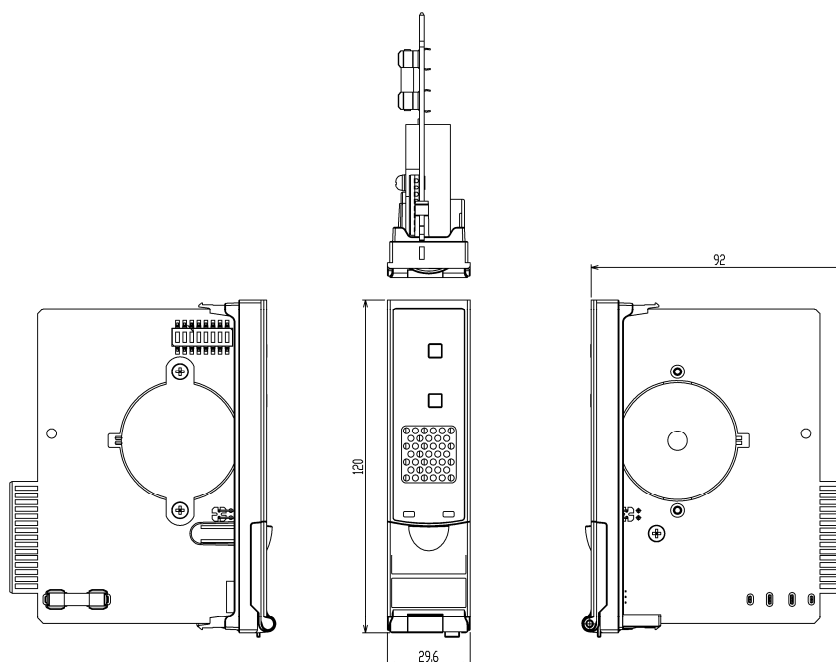
Outline Drawings



BUZZER UNIT **TAN-500L SPECIFICATION**

Power indication	POWER lamp lighting or blinking(green)
Gas alarm indication	Buzzer
Gas alarm action	Lock-in
Gas alarm contact	<u>Each no-voltage contact 1a or 1b(contact output for each alarm) · Non-exciting at normal(exciting at alarm) or exciting at normal (non-exciting at alarm)</u>
Trouble alarm · Self diagnosis	System failure/Indicator alarm unit common fault alarm
Trouble alarm indication	FAULT lamp lighting(yellow)/ <u>Buzzer sound ON or OFF</u>
Trouble alarm action	Auto-recover
Trouble alarm contact	<u>No-voltage contact 1a or 1b · Non-exciting at normal(exciting at alarm) or exciting at normal (non-exciting at alarm)</u>
Contact capacity	AC100V · 0.5A/DC30V · 1.5A(resistive load)
Power supply	DC24V (DC21.6~26.4V)
Power consumption	MAX. 2W (Approx. 4VA by using Multi-Case)
Operating temperature	-10~40°C (non-rapidly-vary)
Operating humidity	10~90%RH (non-condensing)
Structure	Housing type for the case · front identification card type (put into Single case or Multi case)
Outer dimension	Approx. 29.6 (W) × 120 (H) × 92 (D) mm (projection excluding)
Weight	Approx. 80g (unit only)

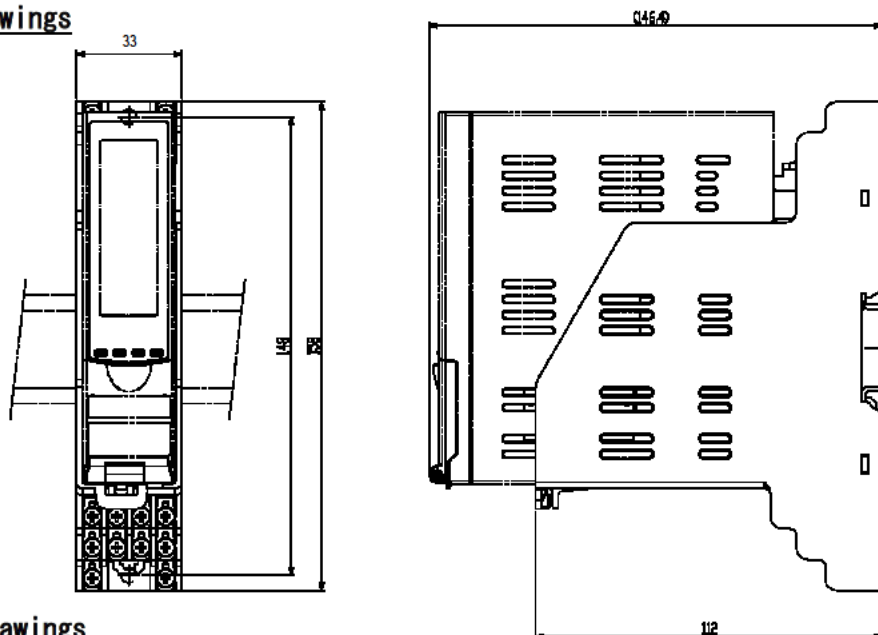
Outline Drawings



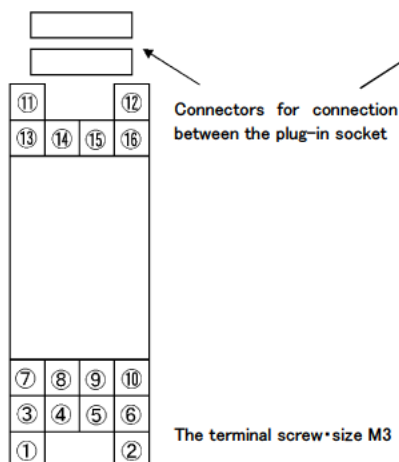
PLUG-IN SOCKET 5000-TM SPECIFICATION

Structure	Surface mounting type
Outer dimension	Approx. 33 (W) × 158 (H) × 146.4 (D) mm (projection excluding)
Weight	Approx. 0.22kg

Outline Drawings



Terminal Drawings



No.	Operation signal
1	RS-485
2	Input-output
3	COM
4	Reset
5	Test
6	Gas alarm AL1
7	Gas alarm AL2
8	Buzzer stop
9	Buzzer output
10	Fault

Buzzer unit

Operation signal	Terminal No.	Operation signal
Power input DC24V	+ ⑪ ①	Common first alarm contact output
	- ⑫ ②	
Common fault alarm contact output	⑬ ③	Vacant terminal
	⑭ ④	
Test input	⑮ ⑤	Buzzer stop signal input
Common(for ⑤,⑥,⑮)	⑯ ⑥	Reset signal input
	⑦	Common second alarm contact output
	⑧	
	⑨ A	RS-485
	⑩ B	Input-output

Indicator/alarm unit

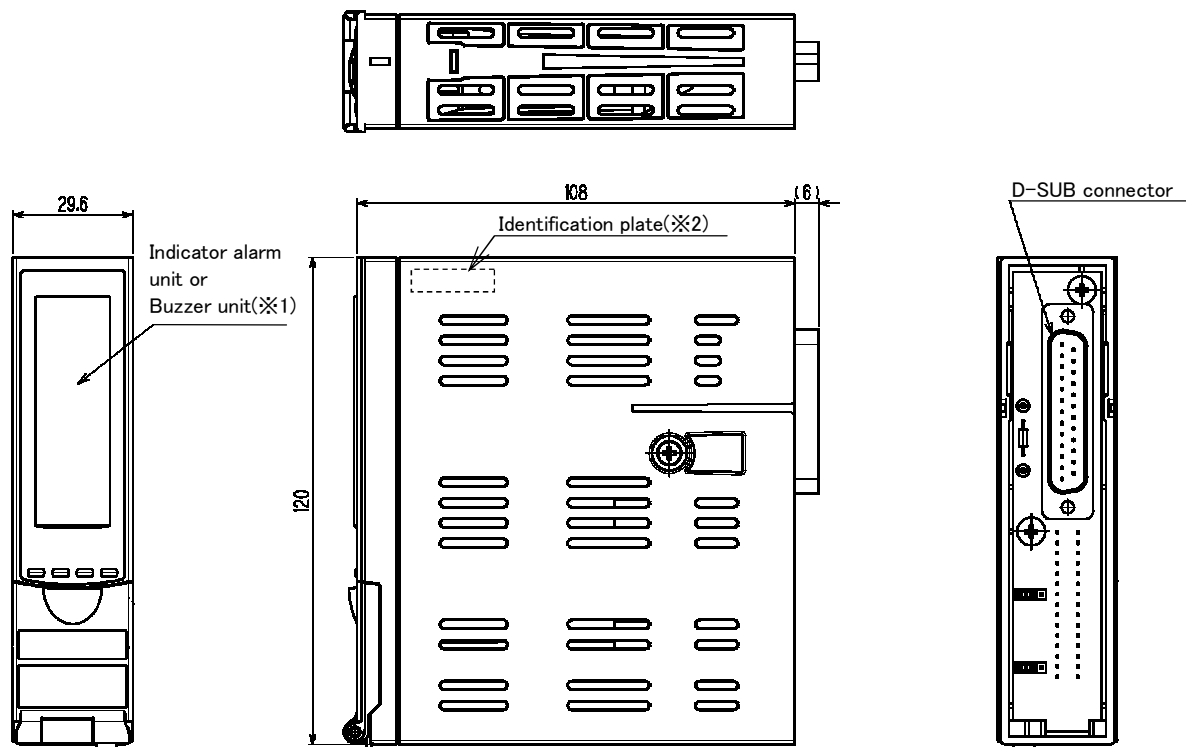
Operation signal	Terminal No.	Operation signal
Power input DC24V	+ ⑪ ①	First alarm contact output
	- ⑫ ②	
Fault alarm contact output	⑬ ③	Detector
	⑭ ④	
Test input	⑮ ⑤	
Common(for ⑮)	⑯ ⑥	
	⑦	Second alarm contact output
	⑧	
	⑨ +	DC4~20mA output
	⑩ -	

※ The RS-485 Input-output depends on the specifications of the indicator/alarm unit.

CONNECTION CASE 5000-CC SPECIFICATION

Structure	Housing type for the case (put into Single case or Multi case)
Outer dimension	Approx. 29.6 (W) × 120 (H) × 108 (D) mm (projection excluding)
※The case applied : 570-SR, 570-□□W, or 570-□□R	

Outline Drawings



※1 Self-contained unit is optional accessory products.

※2 Identification plate : Applicable unit is displayed. Only the buzzer unit is stuck. (printing character TAN) .