

SPECIFICATIONS

[General Specifications]

Model		PHE-3FB2-RYG	AC Adaptor Included
		PHE-3FB2N-RYG	AC Adaptor Not Included
Rated Voltage		24VDC (Main Unit) 5VDC (USB Bus Power)	
		AC Adaptor	
Operating Voltage Range		90VAC - 264VAC (AC Adaptor)	
Rated Current Consumption	Standby	27mA (24VDC) 27mA (5VDC)	
	Maximum	0.15A (24VDC) 0.24A (5VDC)	
Rated Power Consumption	Standby	1.2W (100VAC) 0.9W (24VDC) 0.2W (5VDC)	
	Maximum	4.1W (100VAC) 3.5W (24VDC) 1.2W (5VDC)	
Operating Ambient Temperature		0°C - +40°C	
Operating Ambient Humidity		20% - 85% RH (No Dew or Condensation)	
Storage Ambient Temperature		-10°C - +60°C	
Storage Ambient Humidity		20% - 85% RH (No Dew or Condensation)	
Mounting Location		Indoor	
Mounting Direction		Upright	
Protection Rating		IP 20	
Insulation Resistance		More than 10MΩ at 500VDC between the terminals and the chassis	
Withstand Voltage		1500 VAC applied for 1min (10mA or less) between terminals and chassis without breaking insulation	
Mass (Tolerance ±10%)		515g	
Outer Dimensions		Refer to Outer Dimension Drawing	
Conformity Standards		RoHS Directive (EN 50581) Conforms to the CE requirements : (EN61000-6-4,EN61000-6-2) FCC Part 15 Subpart B Class A UL/CSA 60950-1 (PHE-3FB2N-RYG Only) PSE Compliant AC Adaptor	
Interface	USB Port	USB 2.0 Conformity (Bus-powered) Standard Type B (Female)	
	Serial Port	RS-232C Conformity D-Sub 9 pin (Male)	
Communication method	USB Port	CDC (Communication Device Class) protocol	
	Serial Port	Asynchronous (Baud Rate: 9600bit/s , No Parity, Stop bit: 1bit , Data length: 8bit , No Flow control)	
Signal Light		Clear Lens Type	
Red		1000mcd or more (AC Adaptor)*1	
Amber		1000mcd or more (AC Adaptor)*1	
Green		810mcd or more (AC Adaptor)*1	
Sound Pressure Level		80dB or more (1m from the buzzer)	
Operating Portion		"Clear" Switch, "Set" Switch, "Volume" Switch	
Accessories		AC adaptor (PHE-3FB2-RYG only) , Installation manual , Rubber feet	
Option		None	
Remarks		CE Marking (PHE-3FB2N-RYG Only) *1:LED Brightness will decrease when using the USB bus power.	
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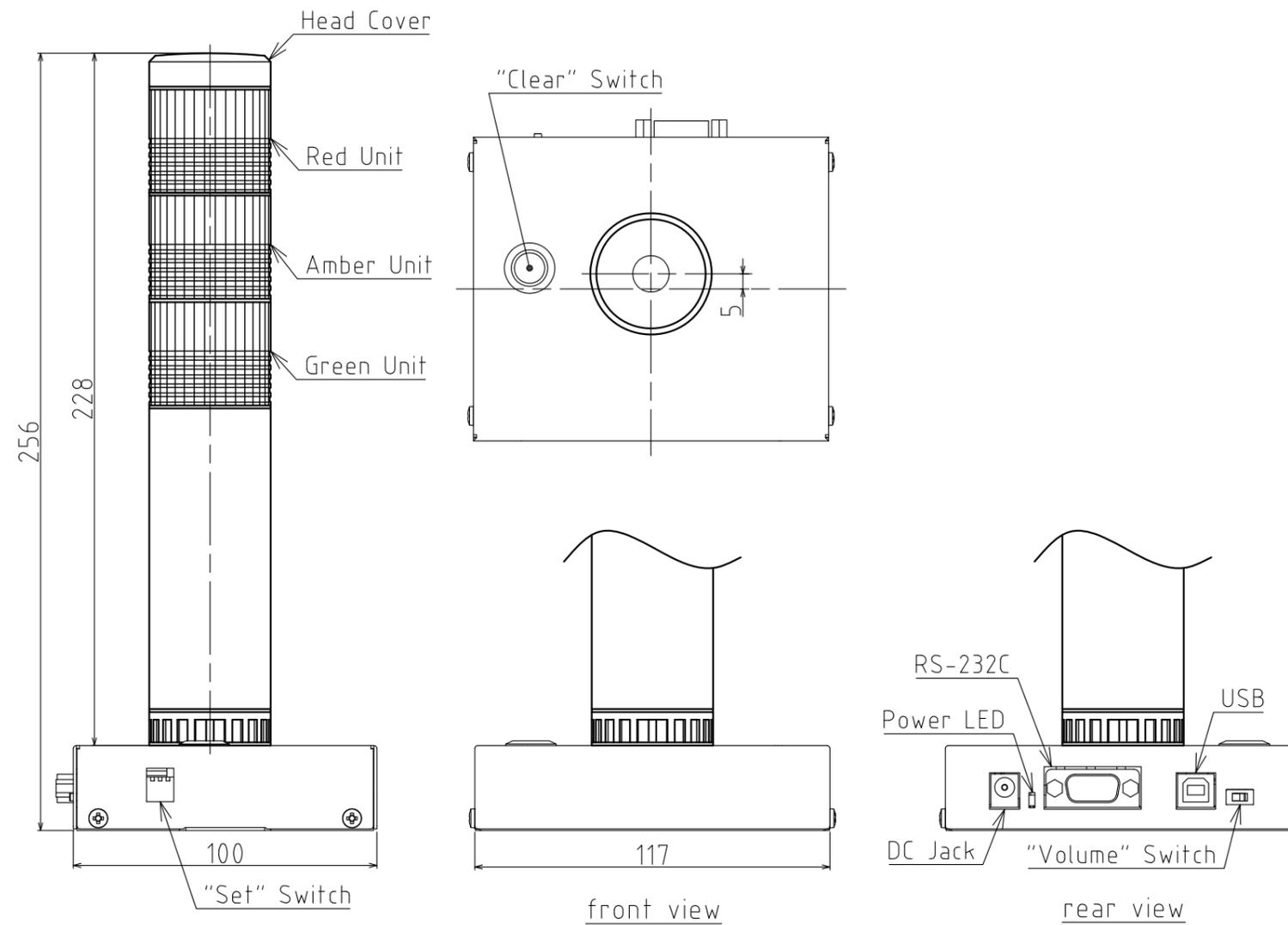
[Functional Specifications]

Signal Tower Control	The Signal Tower is controlled in correspondence to control commands
Buzzer Alarm Control	The alarm is controlled in correspondence to control commands
ID Number Setup	The Identification Number (ID) set up is controlled in correspondence to control commands, and is recorded in memory
"Clear" Switch	Switches off the Signal lights and buzzer alarm.
Power Source Display	The operating status is shown by a power LED
Volume Adjustment	"Volume" switch selection of 3 levels (High, Low, Mute) to adjust the buzzer sound
Operation Mode Switch	Operating Modes are changed with "Set" switch
Normal Operation	This mode is used for communication frame format protocol with the PHE.
PHU Compatibility	This mode is used to simulate the frame format communication protocol for the PHU.
Firmware Update	This mode is used when updating this product's firmware.



PHE-3FB2-W18B-2_3

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1	Main Unit		1	Off White Paint	
番号 No.	部品名 Part Name	品目コード Part No.	数量 Qty.	材料 & 寸法 & 処理 Material & Size & Finish	記事 Remarks

外観図面
Outer Dimension Drawing

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