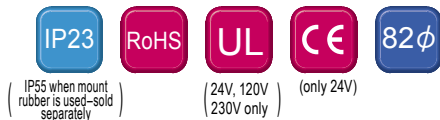


PES-A



Colors Red, Amber, Green, Blue

Globe The material is AS resin, which is translucent and highly weather resistant.

The PES Series features an 82mm diameter, maintenance-free LEDs, and comes in multiple voltage types

- Triple-reflection system for enhanced visibility and low power consumption
- 3 flashing patterns - 60/120/180 FPM with toggle switch
- Maintenance-free, high efficiency LEDs
- Outdoor weather resistant with effective light emission
- IP55 with gasket (SZ-210); IP23 without gasket
- Available Colors: Red, Amber, Green, Blue

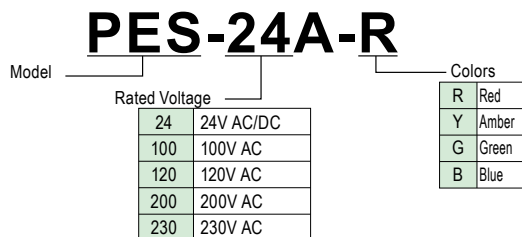


Specifications

Model	Colors	Rated Voltage	Inrush Current	Power Consumption	Number of flashes	Mass	
PES-24A	-R/-Y	24V AC/DC	2.5A	1.5W	High-speed approximately 180/minute Medium-speed approximately 120/minute Low-speed of approximately 60/minute (Change with internal Switch)	0.24kg	
	-G/-B						
PES-100A	-R/-Y	100V AC	1.0A	3.3W		0.43kg	
	-G/-B						
PES-120A	-R/-Y	120V AC	1.0A	3.5W			0.43kg
	-G/-B						
PES-200A	-R/-Y	200V AC	0.5A	3.2W	0.43kg		
	-G/-B						
PES-230A	-R/-Y	230V AC	0.5A	3.8W		0.43kg	
	-G/-B						

* Products with specifications for 120V or 230V have not been manufactured for domestic use in Japan, thus if you want to use them in Japan, please use products with specifications for 100V or 200V.

Model Code



Optional Parts

For details, see pages 182 to 187.

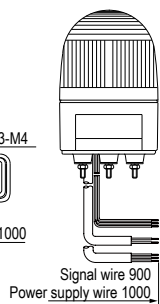
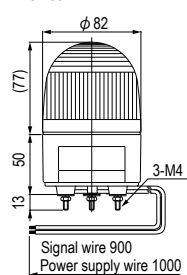
Optional Parts	Model
Mount rubber	SZ-210
Wallmount Bracket	SZ-008
Wallmount Bracket	SZ-007
Wallmount Bracket	SZ-023

* When using a bracket for mounting on the wall-face, the IP value will still be 23, even when using the mount rubber.

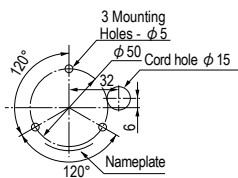
Dimensions (mm)

PES-24A
PES-120A
PES-230A

PES-100A
PES-200A

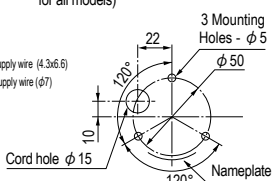


Installation Dimension Drawings

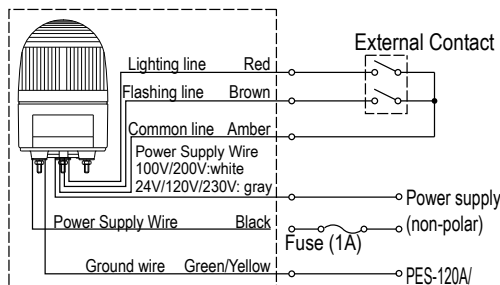


Installation Dimension Drawings

(PES-200A type, when using mount rubbers for all models)



Wiring Diagram



Lighting line blinking line
20V DC when open
55-83mA when short circuit

Nominal Cross-sectional Area, Wire Type: Wire Length
Signal Wire: AWG22: UL1007: 900mm
PES-24A power supply wire AWG20: UL1007: 1000mm
PES-120/230A power supply wire AWG18: UL1015: 1000mm
PES-100A power supply wire 0.75mm²: VCTFK: 1000mm
PES-200A power supply wire 0.75mm²: VCTF: 1000mm

* Connecting multiple units in parallel may cause a malfunction. Control using individual contacts.