



Simple message registration with various tools



Colors Red, Amber, Green, Blue

Globe Polycarbonate resin with superb shock and heat resistance

The RFV Series features a 100mm diameter rotating LED light, pre-loaded audible alarm sounds, with a 90dB horn for highly effective signaling.

- Efficient, maintenance-free LEDs
- Gear-method system for controlling light source and motor significantly increases product life
- Message capacity up to 63 seconds with 4 channel bit input or 15 channel binary input
- High weather resistance for outdoor use
- Up to 90dB sound output at 1m
- Vibration resistant up to 4.5G
- IP54 protection rating
- Easily accessible volume control
- NPN compatible

Sound pressure
95dB

IP54

RoHS

CE

100φ

(only 24V)

Specifications

Model	Rated Voltage	Operating Voltage Range	Power Consumption	Number of flashes	Sound Pressure Level	Audio File	Operating temperature range	Maximum Number of Playback Seconds	Number of messages	Protection Rating	Mass	Colors
RFV-24F	24V DC	24V DC ±10%	Maximum 18W	115±15 time/min	Maximum 95dB (at 1m)	MPEG1-Audio Layer 3 (MP3) Standard bitrate: 64kbit/s, Fs=44.1kHz	-10 °C to +50 °C (humidity 85% or less)	63 s	4 (bit input) 15 (binary input)	IP54 (Mounted in the upright direction)	1.0kg±10%	R, Y G, B
RFV-100F	100V AC	100V AC±10%	Maximum 16W								1.2kg±10%	R, Y G, B
RFV-220F	220V AC	220V AC±10%									1.2kg±10%	R, Y G, B

(Note) The indicated sound pressure level is the maximum volume (synthetic sound type: sine wave (1KHz)) and the actual level may be lower than the indicated sound pressure level due to message content, tone, and voltage fluctuations.
*When using multiple units, there may be variation in the playback sound even when started simultaneously with the tone and voice.

Model Code

RFV-100F-R

Rated Voltage

24	24V DC
100	100V AC
220	220V AC

Revolving light colors

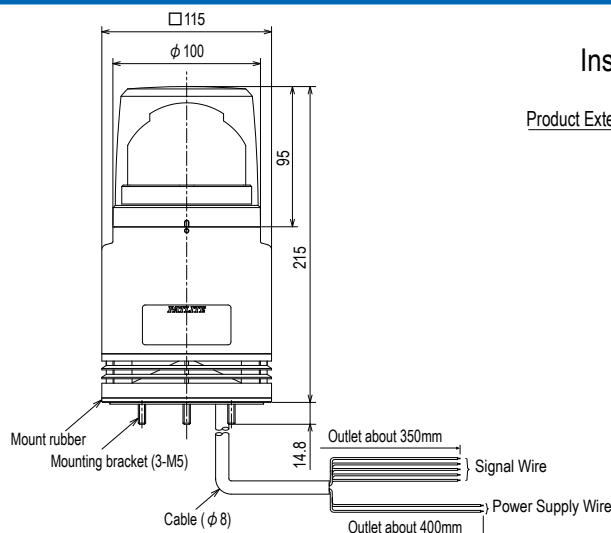
R	Red
Y	Amber
G	Green
B	Blue

Optional Parts

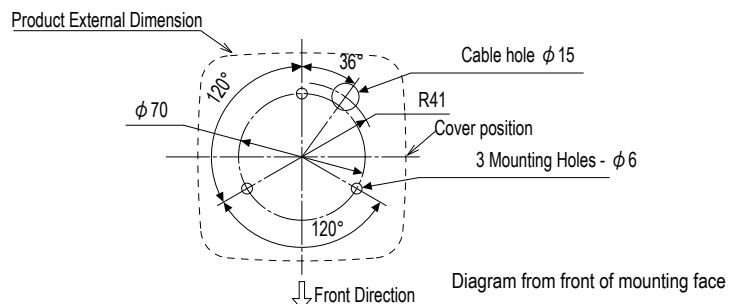
For details, see pages 182 to 187.

Optional Parts	Model
Wallmount Bracket	RF-001
Overhead mounting bracket	RF-002
SD card (2GB)	SDV-2GP

Dimensions (mm)



Installation Dimension Drawings



Network

Signal Tower

Signal Light

Revolving
Warning Light

Cube Tower

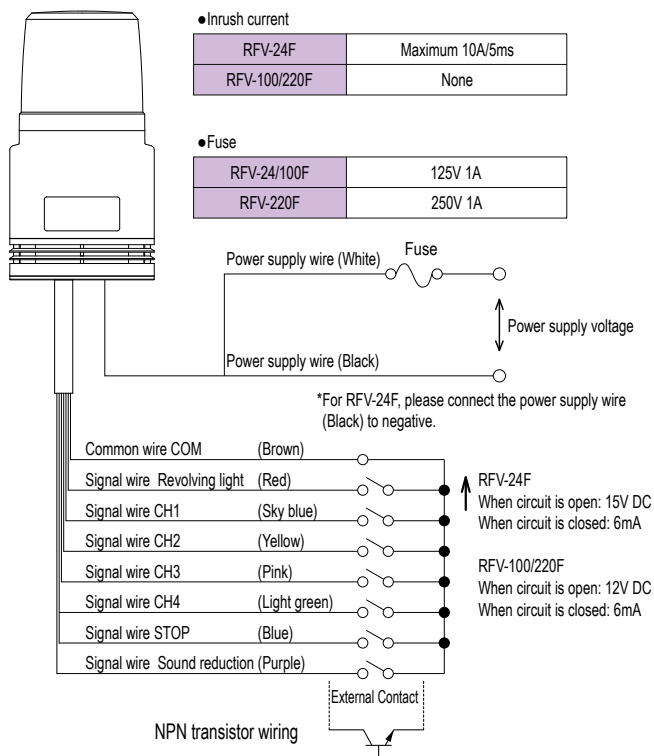
Audibles

Hybrid
Signaling
Devices

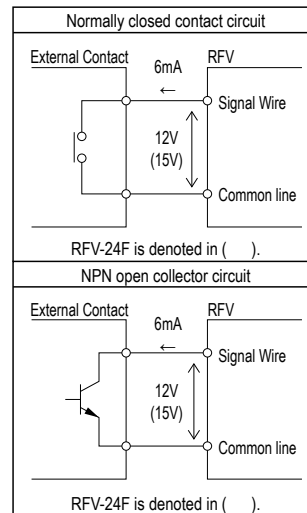
LED
Illumination

Options

Wiring Diagram



● The revolving light operates simultaneously when a message is played back.
(Note) Input requires at least 100msec.



Contact Capacity	
Current Capacity	10mA or more
Withstand Voltage	20V DC or more
Leakage Current	0.1mA or less
ON voltage (Vsat)	1V or less

Nominal cross sectional area : Wire type
RFV-24F : Power supply wire : AWG18 : UL1061
Signal wire : AWG22 : UL1061
RFV-100F/220F : power supply wire : 0.75mm² : VSF
Signal wire : AWG22 : UL1007