Seady + Flashing + Rotation + Buzzer

115mm Multi Function LED Signal Light (ED)





1. Product model classification

Steady + Flashing + Rotation

Steady + Flashing + Rotation + Buzzer

1. Light Style

3. Lens color

R

G

В

F Steady + Flashing

Yellow

Green

[Buzzer sound hole]

-mum 5mm or above.

to improve the product.

Blue

c Clear

2. Part name

MS115T - F 0 0 - R

2. Power Supply

FF

4. Body length

Part name

Fastening screw

Dustproof rubber

Flange fixing nut

Lens cap

Base Body

When installing display light with built-in buzzer, make sure to maintain

the space (gap) between the installed side and base body at least maxi

* Outside dimension and performance of the product are subject to change without notice

00 12 ~ 24VAC/DC

90 ~ 240VAC

No mark 20mm Base body

40mm Base body

Material

ABS resin (Black) SUS M5X35

PC resin

NRR

SUS M5

Thank you for purchasing Menics product. For the proper and safe use of this product, please read and fully understand this manual before use.

MS115T Series User Manual

Instructions for safety

- * 'Instruction for safety is made to prevent accidents or risks in advance by using the product safely and correctly and be sure to observe it.
- * Instructions are divided into two categories as "Warning" and "Attention" and they are as follows.



If instruction is violated, there is the possibility of serious injury or death.



If instruction is violated, there is possibility of minor injury or damage on the product.

* The meaning of the picture symbols used in the product and User manual are as follows.

▲ is the sign meaning attention needs to be paid because there is the concern of risk occurrence under certain condition

A Warning

1. In case it is used for the machines which make greater impact on life or property (e.g. nuclear power control, medical equipment, railroad car, aerospace, combustion equipment, recreation equipment, etc. or safety devices), make sure to attach safety device bifariously before use.

There is the possibility of causing huge losses resulted from fire, personal injury and property damage.

2. Do not disassemble and renovate the product. Please contact the head office or regional office for internal inspection or repair.

There is the risk of causing fire, electrical shock and product damage.

- 3. While power is on, do not make wiring, maintenance or repair. There is the danger of electrical shock.
- 4. Rated voltage range must be kept for the power input voltage. There is the danger of fire or electric shock.
- 5. Before power on, make sure to check whether connection is made correctly. There is the danger of fire, electrical shock or product damage.
- 6. When replacing lens, there might be remaining current. Make sure to replace lens one minute after putting off power. There is the danger of electric shock.
- 7. Do not use the product in the area such as outdoor and explosion hazard, flammable gas, watery area, near to flammable material. There is the danger of fire, electric shock or injury.
- 8. When making installation, earthling must be done solely and use grounding wire of AWG No 16 or above.

There is the danger of electric shock.

A Attention

- 1. Make sure that there is nothing blocking the flow of air circulating. There is the danger of deformation and product damage caused by heat.
- 2. When the product is in operation, do not touch the product for a while. There is the danger of burn.
- 3. In case abnormality happens to the product, unplug the input power connection

There is the danger of fire or product damage.

- 4. Do not use in places with severe vibration.
- 5. When cleaning, do not use water, organic solvent and clean with towel without moisture.

There is the danger of electric shock or fire.

3. Ratings / Performance

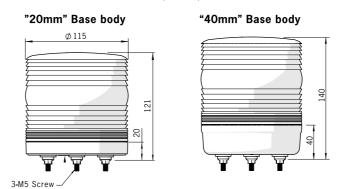
Function		Steady, Flashing, Buzzer, Rotating			
Power supply		12~24VAC/DC 90~240VAC 50/60Hz)			
Dimension		115mm			
Buzzer level	Internal PCB	10 ~ 100±5dB (at 1m)			
Flashing rate	board dip switch / volume control mode	F1: 80±10 times flashing per minute F3: 240±10 times flashing per minute (emergency signal light)			
Rotation rate		min 60 ~ max 300 rpm (Clockwise rotation)			
Ambient Temperature		-20 ~ 40°C			
Storage ambient temperature		-20 ~ 70°C			
Ambient Humidity		45 ~ 85% RH			
Withstand Voltage		500V AC 50/60Hz for 1 minute			
Protection structure		IP65	Vibration		
Approval		UL, RoHS	0.75mm at 10~55Hz		
Wire size		1007UL / 22AWG			
Weight		App. 360g			

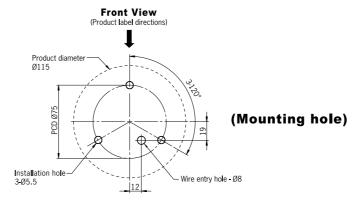
Note: LED lifetime depends on operating condition or environment.

Current consumption (Maximum current consumption when LED is lit.)

Power	supply	Red	Yellow	Green	Blue	White
12~24V	General	0.54A	0.53A	0.25A	0.54A	0.24A
	Buzzer	0.69A	0.69A	0.39A	0.69A	0.39A
90~240V	General	0.08A	0.07A	0.04A	0.08A	0.04A
	Buzzer	0.23A	0.23A	0.19A	0.23A	0.19A

4. Outside dimension (Unit: mm)



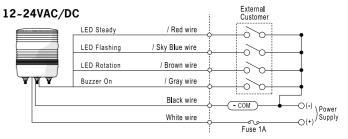


5. Product Installations

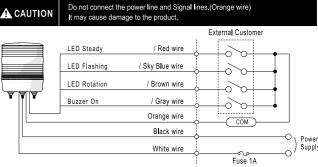
- This product has been manufactured with the structure of IP65.
- When it is used indoor, it can be installed in any direction.
 - Place to be installed should be the place with less vibration or shock and use it by attaching to flat surface.
 - Avoid watery or dusty place if possible.

6. Connection diagram

Before wiring, power supply must be turn off. There is the danger of electrical shock.



90~240VAC

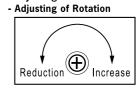


7. Feature setting

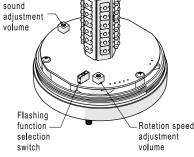
When adjusting operating area while using the display light, do not hold the LED area directly by hand after removing the lens. There is the danger of burn, electric shock or injury.

Ruzzer

- Adjusting of buzzer sound

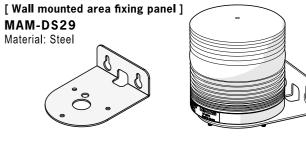


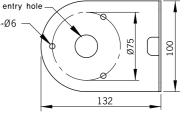


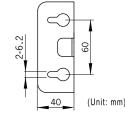


F1: 80±10times per minute F3: 240+10times per minute (emergency signal display light)

8. Accessory part







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