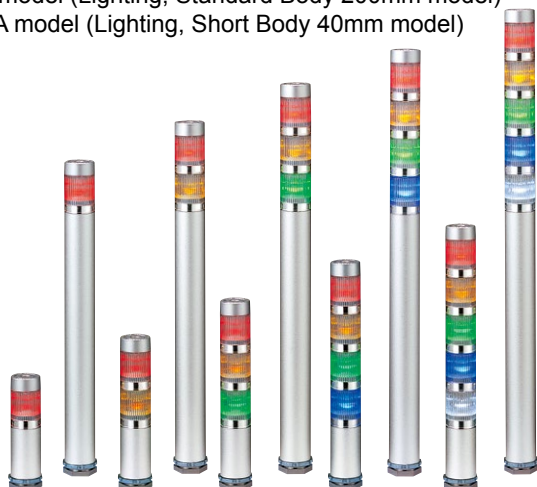


ME-A/MES-A

ME-A model (Lighting, Standard Body 200mm model)
MES-A model (Lighting, Short Body 40mm model)



Specifications

Colors Red, Amber, Green, Blue, White

Globe Polycarbonate lens with high shock resistance and heat resistance

Direct mounted, 25mm diameter, super slim signal towers featuring corrosion resistant aluminum bodies. LED unit lenses are clear when off and color when activated to reduce false indication.

- Hybrid prism-cut lens enhance visibility from any direction and distance
- Direct mounts to a single hole
- Interchangeable modules eliminate the need to rewire
- Superior impact and heat resistant polycarbonate lens for superior durability and light emission
- Available Colors: Red, Amber, Green, Blue, Clear/White

• Standard Colors:

- 1 Tier model / Red (-R), Amber (-Y), Green (-G), Blue (-B), White (-C)
- 2 Tier model / Red-Amber (-RY), Red-Green (-RG)
- 3 Tier model / Red-Amber-Green (-RYG)
- 4 Tier model / Red-Amber-Green-Blue (-RYGB)
- 5 Tier model / Red-Amber-Green-Blue-White (-RYGBC)

Standard Body (mm)				
Model	Rated Voltage	Number of tiers	Power Consumption	Mass
ME-102A	24V DC	1	0.6W	0.22kg
ME-102A			0.6W	
ME-102A			0.5W	
ME-102A			0.5W	
ME-102A			0.5W	
ME-202A	24V DC	2	1.2W	0.23kg
ME-202A			1.1W	
ME-202A			1.1W	
ME-202A			1.1W	
ME-202A			1.1W	
ME-302A	24V DC	3	1.7W	0.24kg
ME-302A			1.7W	
ME-302A			1.7W	
ME-402A	24V DC	4	2.3W	0.25kg
ME-402A			2.3W	
ME-502A	24V DC	5	2.8W	0.26kg

• To use Green, Blue, White instead of Red, Amber, there is an additional cost per unit.

Short Body (mm)				
Model	Rated Voltage	Number of tiers	Power Consumption	Mass
MES-102A	24V DC	1	0.6W	0.12kg
MES-102A			0.6W	
MES-102A			0.5W	
MES-102A			0.5W	
MES-102A			0.5W	
MES-202A	24V DC	2	1.2W	0.13kg
MES-202A			1.1W	
MES-202A			1.1W	
MES-202A			1.1W	
MES-202A			1.1W	
MES-302A	24V DC	3	1.7W	0.14kg
MES-302A			1.7W	
MES-302A			1.7W	
MES-402A	24V DC	4	2.3W	0.15kg
MES-402A			2.3W	
MES-502A	24V DC	5	2.8W	0.16kg

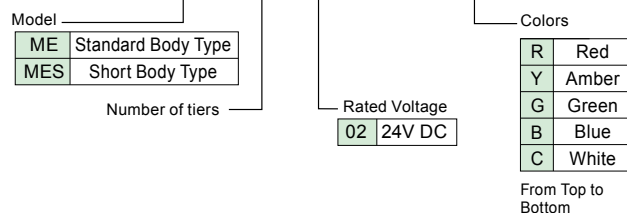
■ Replacement Parts for Changing Colors

Replacement Parts	Part Number
Red LED Unit (Clear lens model)	B72100223-1F1
Amber LED Unit (Clear lens model)	B72100223-2F1
Green LED Unit (Clear lens model)	B72100115-3F1
Blue LED Unit (Clear lens model)	B72100115-4F1
White LED Unit (Clear lens model)	B72100115-7F1

Replacement Parts	Part Number
Shaft for 1 tier	S33552110-0346F1
Shaft for 2 tiers	S33552110-0376F1
Shaft for 3 tiers	S33552110-03108F1
Shaft for 4 tiers	S33552110-03138F1
Shaft for 5 tiers	S33552110-03168F1

Model Code

ME-302A-RYG

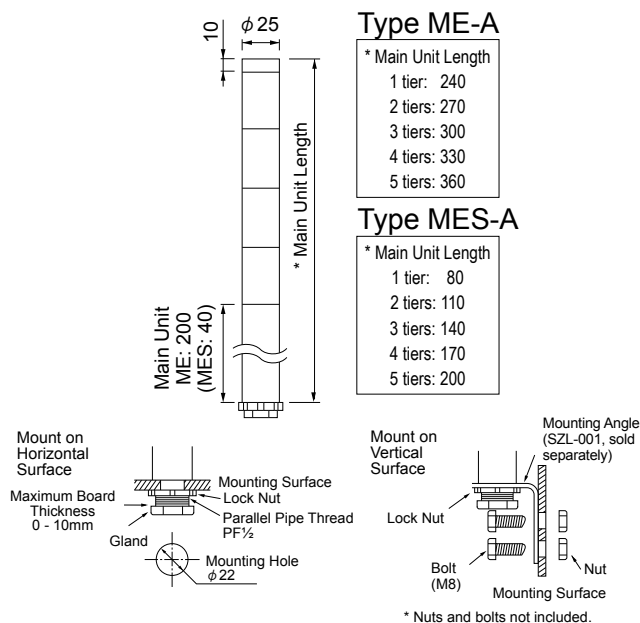


Optional Parts

For details, see pages 182 to 187.

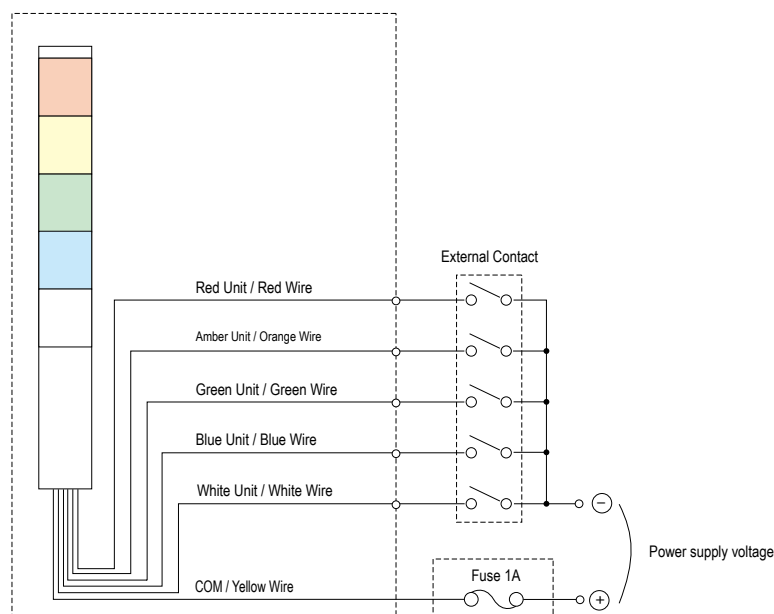
Optional Parts	Model
L Angle	SZL-001

Dimensions (mm)



Wiring Diagram

[Type ME/MES-□□□A]



Corresponding Signal Wire Colors

LED Unit Colors	Corresponding Signal Wire Color
Red	Red
Amber	Orange
Green	Green
Blue	Blue
White	White

Nominal Cross-sectional Area	Wire Type	Wire Length
Type ME-A : 0.3mm ²	: UL1007	: 300mm
Type MES-A : 0.3mm ²	: UL1007	: 460mm

(For multiple LED units of the same color, they illuminate at the same time.)

Signal Wire Voltage and Current per tier

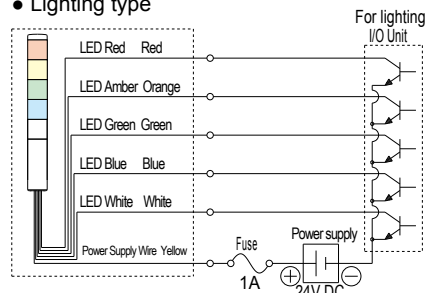
Voltage	Signal Wire Voltage	Signal Wire Current
24V DC	24V DC	Red-Amber: 25.2mA Green-Blue-White: 13.3mA

* Set aside ample capacity for the external contact, considering the Signal Wire Current and Inrush Current.

Example: 24V DC driven by NPN Transistor

24V DC, NPN type transistor

• Lighting type



Transistor Capacity

Model	Transistor (NPN)
Current Capacity	I _c ≥ 50mA
Withstand Voltage	V _c ≥ 35V
Leakage Current	I _L < 0.1mA