

# EDLM / EDWM

## Explosion-proof Signal Tower

**ATEX & FM**  
CENELEC Standards



Testing Authority  
NEC Article 505

**LED**



**IP66**

**NPN/PNP  
Open collector\***

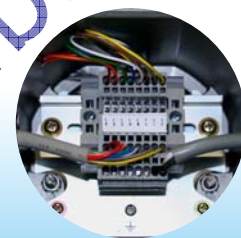
\*AC 120/230/90-250V types are NPN compatible only



EDLM



EDWM



Terminal block

- Standards : Compliance to ATEX and NEC standards.
- Connection : Easy wiring for parallel connection to another interlocking device through 2 lead-in ports.
- Terminal Block : Easy connection to the signal tower by opening the bottom cover.
- Body : Made of aluminum alloy.
- Light Source : Long life, maintenance-free LED.
- Mounting : Wall mount, flush mount and horizontal mount. See page 52. (Photo shows model EDWM.)

### Specifications (ATEX)

Type	EDLM-302FE	EDLM-312FE	EDLM-323FE	EDWM-502FE	EDWM-5M2FE
Rated Voltage	AC/DC 24V	AC 120V	AC 230V	AC/DC 24V	AC 90~250V
Signal Line Current (Per LED Module)		Red/Amber: 52.5mA Green: 20.0mA		Red: 22.6mA, Amber: 26.6mA, Green: 17.5mA Blue/White: 38.9mA	
Explosion Protection Ratings	Ex II 2G Ex d IIC T6 (Zone 1,2)		Ex II 2D Ex tD A21 IP66 T80°C (Zone 21, 22)		
Operating Temperature	-20°C~+50°C (no ice)				
Operating Humidity	45%~85%RH (Keep from dew condensation)				
Ambient Pressure	80~110kpa				
Lighting Pattern	Flashing (60±12 flashes per minute) / Continuous light				
IP	IP66				
Vibration Resistance	9.8m/s <sup>2</sup>				
Mounting	Outdoor & Indoor Upright		Outdoor & Indoor Upright & Sideways		
Luminosity	Red: 350mcd, Amber: 580mcd Green: 1300mcd		Red/Green/White: 1000mcd Amber: 700mcd, Blue: 300mcd		
Mass (Main body)	4.3kg		4.7kg		
Material	Upper & Lower Case : Aluminum alloy(Housing finish: Melamine baking finish) Glass Case : Borosilicate glass Fitting Bracket : Stainless steel (SUS 316) Cable Gland : Brass				

### Specifications (NEC)

Type	EDLM-302FA	EDLM-312FA	EDLM-323FA	EDWM-502FA	EDWM-5M2FA
Rated Voltage	AC/DC 24V	AC 120V	AC 230V	AC/DC 24V	AC 90~250V
Signal Line Current (Per LED Module)		Red/Amber: 52.5mA Green: 20.0mA		Red: 22.6mA, Amber: 26.6mA, Green: 17.5mA Blue/White: 38.9mA	
Explosion Protection Ratings	Class I, Zone 1 AEx d IIC T6				
Operating Temperature	-25°C~+50°C (no ice)				
Operating Humidity	45%~85%RH (Keep from dew condensation)				
Ambient Pressure	80~110kpa				
Lighting Pattern	Flashing (60±12 flashes per minute) / Continuous light				
IP	IP66				
Vibration Resistance	9.8m/s <sup>2</sup>				
Mounting	Outdoor & Indoor Upright		Outdoor & Indoor Upright & Sideways		
Luminosity	Red: 350mcd, Amber: 580mcd Green: 1300mcd		Red/Green/White: 1000mcd Amber: 700mcd, Blue: 300mcd		
Mass (Main body)	4.3kg		4.7kg		
Material	Upper & Lower Case : Aluminum alloy(Housing finish: Melamine baking finish) Glass Case : Borosilicate glass Fitting Bracket : Stainless steel (SUS 316)				

