

Specifications

EDWM

Input Voltage		Options		AC/DC24V		AC120V				
		Rated Voltage		AC/DC24V (50-60 Hz)		AC90-250V (50-60 Hz)				
		Operating Voltage		Rated Voltage + or - 10%						
Operating temperature Range		-25°C ~ +50°C (no ice)								
Relative Humidity		45% to 85% (no condensation)								
Ambient Pressure		80 – 110Kpa								
Flashing Cycle ("FB" styles only)		60 + or – 12 flashes per minute								
Mounting Location Options		Indoors or Outdoors								
Mounting Direction Options		Upright or Horizontal								
Protection Rating		IP-66								
Vibration		19.8m/s²								
Insulation Resistance		(Tower Only)	More than 1 Megohm between terminals and chassis at DC500V							
Withstand Voltage (AC/DC24V)			AC500V applied between terminals and chassis for 1 minute without breaking insulation							
Dielectric Voltage (AC90-250V)			AC1000V applied between terminals and chassis for 1 minute without breaking insulation							
Luminous Intensity (mcd = millicandela)		Red	Amber	Green	Blue	Clear				
		1000mcd	700mcd	1000mcd	300mcd	1000mcd				
Applicable Standards		FM	FM3600							
		RoHS	RoHS Directive 2005/95/EC							
Explosion Protection Ratings		Class I, Zone 1, Zone 2, AExd II CT6								
Connection		Port: ¾-inch, NPT, female								
		Connect using thick steel conduit								
		Range of Wire Size: 0.5mm² to 0.8mm² (AWG20 – AWG18)								
Manufacturer		Idec Corporation								
Power Consumption		LED Modules					Alarms			
		Red	Amber	Green	Blue	Clear	Steady	Inrush	Steady	Inrush
AC/DC24V	Current (mA @ 24V)	23	27	18	39	39	40	250	40	250
	Watts	1.3	1.3	0.5	0.9	0.9	1.0	-----	1.0	-----
AC120V	Watts	2.0	2.0	0.8	1.4	-----	1.4	-----	1.4	-----
	Standby Power	1.7W @ AC120V								
Contact Capacity (I _S = current capacity; V _S = withstand voltage; V _C = dielectric breakdown voltage; I _L = leakage current)										
AC/DC24V		Contact Capacity				Transistor Capacity (NPN and PNP)				
	LED Light Module	I _S ≥ 100mA; V _S ≥ AC35V				I _C ≥ 100mA; V _C ≥ 35V				
	Alarm	I _S ≥ 300mA; V _S ≥ AC35V				I _C ≥ 300mA; V _C ≥ 35V				
	Power Supply	I _S ≥ 500mA; V _S ≥ AC35V								
AC120V		Contact Capacity				Transistor Capacity (NPN)				
	LED Light Module (Signal wire)	I _S ≥ 100mA; V _S ≥ AC35V				I _C ≥ 100mA; V _C ≥ 35V				
	Alarm (Signal wire)	I _S ≥ 300mA; V _S ≥ AC35V				I _C ≥ 300mA; V _C ≥ 35V				
	Power Supply	I _S ≥150mA; V _S ≥ AC125V								
Leakage Current		I _L = 0.1mA or less								
Fuse (not included)		1A (250V)								