

Specifications

EDLM

Input Voltage		Options		AC/DC24V		AC120V			
		Rated Voltage		AC/DC24V (50-60 Hz)		AC120V (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 only							
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 (AC120V)			AC1000V applied between terminals and chassis for 1 minute without breaking insulation						
Luminous Intensity (mcd = millicandela)		Red	Amber	Green					
		350mcd	580mcd	1300mcd					
Applicable Standards		FM3600							
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	Steady	Inrush	Steady	Inrush	
AC/DC24V	Current (mA @ 24V)	53	53	20	40	250	40	250	
	Watts	1.3	1.3	0.5	1.0	-----	1.0	-----	
AC120V	Watts	2.0	2.0	0.8	1.4	-----	1.4	-----	
	Standby Power	1.7W @ AC120V							
Contact Capacity (Is = current capacity; Vs = withstand voltage; Vc = dielectric breakdown voltage; IL = leakage current)									
AC/DC24V		Contact Capacity				Transistor Capacity (NPN and PNP)			
	LED Light Module	Is >= 100mA; Vs >= AC35V				Ic >= 100mA; Vc >= 35V			
	Alarm	Is >= 300mA; Vs >= AC35V				Ic >= 300mA; Vc >= 35V			
	Power Supply	Is >= 500mA; Vs >= AC35V							
AC120V		Contact Capacity				Transistor Capacity (NPN)			
	LED Light Module (Signal wire)	Is >= 100mA; Vs >= AC35V				Ic >= 100mA; Vc >= 35V			
	Alarm (Signal wire)	Is >= 300mA; Vs >= AC35V				Ic >= 300mA; Vc >= 35V			
	Power Supply	Is >=150mA; Vs >= AC125V							
Leakage Current		IL = 0.1mA or less							
Fuse (not included)		1A (250V)							