Series 20W Pico

Case Material: Plastic

Dedicated Voltage Models

ELECTRONIC HID BALLASTS

Input	
Nominal Voltage	Dedicated 120V
Frequency	50/60Hz
Line Regulation	$\pm5\%$ output variation over full input range
Power Factor	> 0.95
Total Harmonic Distortion	< 10%

Output	
Lamp Operating Frequency	165Hz Square Wave
Lamp Current C.F.	<1.3

Ordering Information Standard Case Quantity 50 Units Unit Weight/Case Weight 0.20 lbs/12.5 lbs.

ELECTRICAL SPECIFICATIONS

Watts	Hatch Part Number	Description	Lamp Types/ ANSI Codes	Voltage Range	Nominal Input Power	Input Current/ Input Voltage	Max. Remote Distance (ft)
20	MC20-1-F-120Z	20 Watt 120V Pico w/Feet	M/C156 Ceramic MH	120V AC Nominal 108-132V	24 Watts	.20 Amps @ 120V	10
	MC20-1-T-120Z	20 Watt 120V Pico Track w/o Feet					

PRODUCT FEATURES:

- Thermal protection
- Approved for recessed use
- Micro Processor Controlled
 - Safety Shut Down Features
 Superior Hot Lamp Restrike Characteristic
- Low Voltage Lamp Shutdown
- Sound Rated: A
- Minimum Starting Temperature: -30°C
- Maximum Case Temperature: 80°C
- Complies with FCC Part 18 (Class B) Consumer limits
- Up to 5 Year Warranty
- Lamp end-of-life protected

- -Transient Protection Meets ANSI/IEEE C62.41 Cat A
- Short Circuit Protection
- Open Circuit/No Lamp/ Hot Lamp Shutdown, Retry and Ignition Failure Protection:

Ignition failure shutdown in 5 seconds followed by multiple timed restrikes with lamp ignition or timed shutdown until power is reset (restrike timing is lamp wattage dependent)

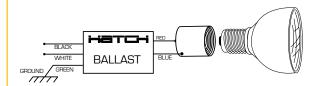
APPROVALS:



Type 1 Outdoor



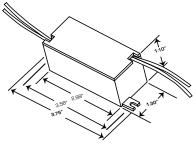
WIRING DIAGRAMS:



MOUNTING DIAGRAM:

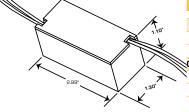


CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:



	CASE STYLE	MUUNTING	
	Z - Pico Slim	F - With feet	
	Wiring Information		
	Lead Length :	Input/Output : 6.5"	
	Wire Type :	Input: 18AWG, 105°C, 600V	
Operating Temperatures			
~	Minimum Starting Temperatu	re: -30°C	
	Maximum Case Temperature	: 80°C	

CASE STYLE MOUNTING Z - Pico Slim T - Track mount w/o feet



Wiring Information

Lead Length: Input/Output: 6.5"

Wire Type: Input: 18AWG, 105°C, 600V

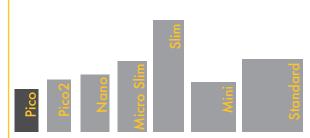
Operating Temperatures

 Operating Temperatures

 Minimum Starting Temperature :
 -30°C

 Maximum Case Temperature :
 80°C

CASE STYLE SIZE CHART:



Each case style listed in the Size Chart represents a side lead model with no mounting feet. All HATCH E-HID Ballasts are available in several mounting and wiring configurations, each with slightly different dimensions from those listed in the chart.

