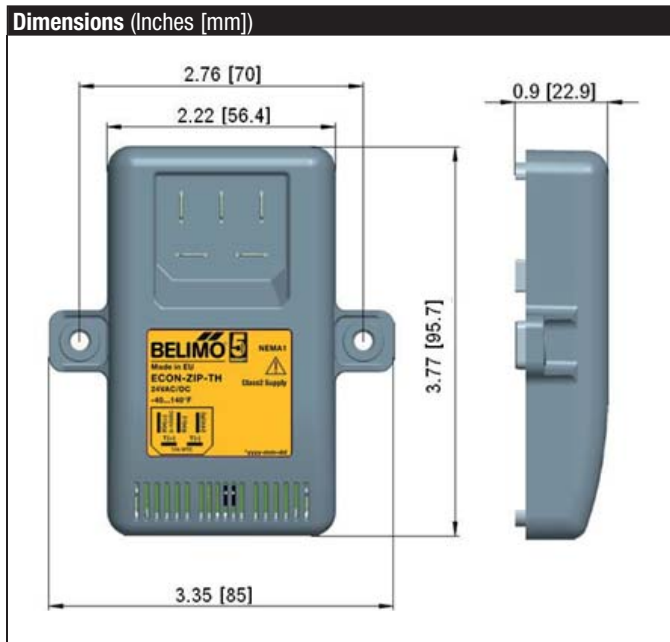


ECON-ZIP-T

ZIP Economizer™ Temperature and Humidity Sensor



Technical Data	
Power Supply	24 VAC $\pm$ 20%, 50/60Hz, Class 2 power source
Current Consumption	Max. 5mA
Rated Impulse Voltage	800V
Connectors	1/4" male spade connectors
Environmental	RoHS conformally coated
Software Class	A
Control Pollution Degree	3
Temperature Sensor Type	NTC 10kOhm
Humidity	0 to 100% RH
Humidity Sensor Type	0-10VDC (0 to 100% RH) max load 10kOhm, Class 2 limited energy
Housing	NEMA 1
Ambient Temperature Range	-40°F to +140°F (-40°C to +60°C)
Storage Temperature Range	-40°F to +158°F (-40°C to +70°C)
Accuracy	$\pm$ 3% 35-65% rH @ 75°F $\pm$ 5% 0-34%, 66-100% rH @ 75°F
Response Time	<45 seconds @ 40 FPM, 75°F
Hysteresis	<2.5% rH
Long Term Stability	<1% rH/year
Agency Listing	UL60730-1, -2-9, -2-13. UL2043 compliant, CE 2004/108/EC "Electromagnetic compatibility (EMC)", EN60730-1, -2-9 and -2-13



Input/Output Specifications

Technical Data				
Type	Name	Description	Electrical Specification	ZIP Terminal
Input	24V	Supply Hot	24 VAC, $\pm$ 20%, 50/60Hz	Same Power Supply R
Output	T(+/-)	Temperature	Type: 10K NTC (Type II thermistor)	OAT (+/-); RAT (+/-)
Output	RH(+/-)	Relative Humidity	0-10 VDC	OAH (+/-); RAH (+/-);

