Parameters

Electrical Parameters:	
Buspro power supply	DC12-30V
Buspro power consumption	9mA/DC24V
Temp detect scope	-20℃~70℃
Thermistor working Temp	-30℃~100℃
Environmental Conditions:	
Working temperature	-5℃~45℃
Working relative humidity	Up to 90%
Storage temperature	-20℃~+60℃
Storage relative humidity	Up to 93%
Approved	
CE	
RoHS	
Product Information：	
Dimensions	45×40×13(mm)
Weight	64.5(g)
Housing material	ABS
Installation	86×86 back box, screw install
Protection degree	IP20

Important Notes

- Buspro cable — CAT5E or HDL Buspro/KNX cable
- Buspro Connection — Series connection (hand-in-hand)
- Check Connection — Re-tighten all connections after installation
- Custom Thermistor — 2-40k/25℃
- Wiring—The thermistor limited in 2.5m
- Installation—Indoor and ceiling-mount

Overview



SB-MTS04.20 4-Zone Temperature Sensor is an accessory for home automation system, could be used for detecting temperature for different areas.

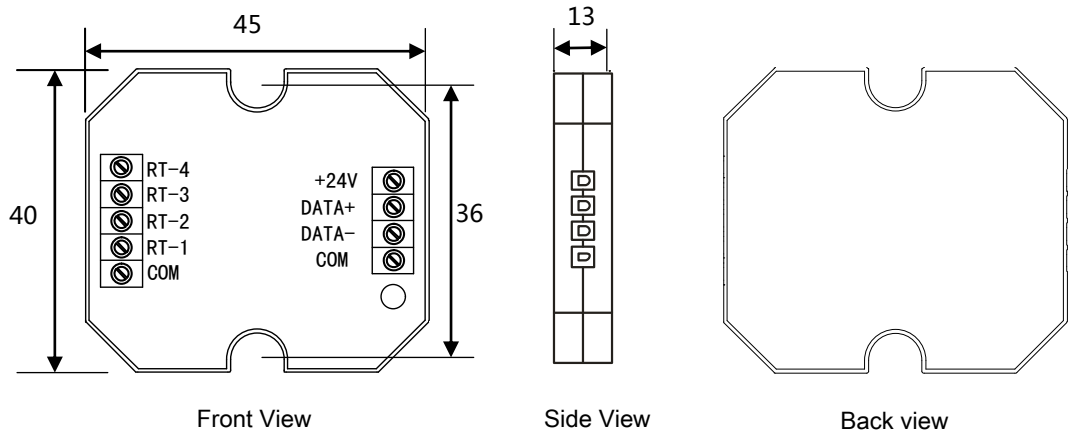
Functions

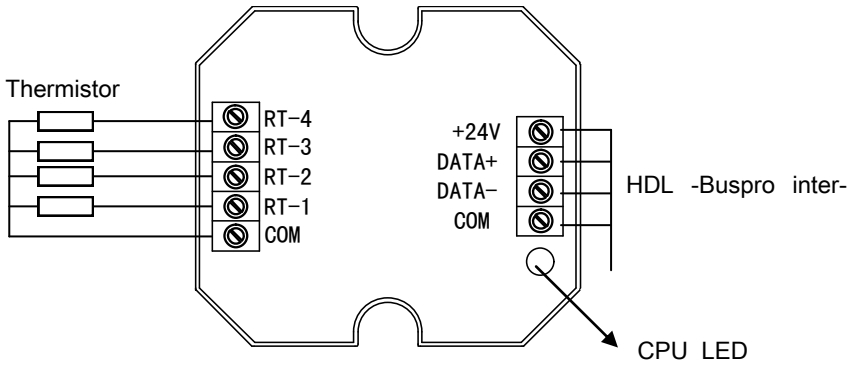
- 4-Zone temperature detecting.
- Option HDL Thermistor or custom thermistor for each zone. If you use custom thermistor, you need to set few point in custom indexing table.
- Communication interface: HDL Buspro.
- Upgrade firmware by HDL Buspro.
- Detecting range of temp. from –20℃ to 70℃.
- Supports upgrade from HDL Buspro.

HDL Buspro Cable Guide

CAT5/CAT5E	HDL Buspro	HDL Buspro/KNX
Brown/ Orange	DC24V	Red
Brown white/ Orange white	COM	Black
Blue white/Green white	DATA-	White
Blue/ Green	DATA+	Yellow

Dimensions and Wiring





Safety Precautions

WARNING

- The screw down torque should not exceed 0.1Nm.
- Ensure that the Buspro interface is correctly connected to the module.
- Do not connect the module to AC power.
- Do not let the module come into contact with hazardous liquids or corrosive gases.

Package contents

Datasheet	×1
Temperature sensor (SB-MTS04.20)	×1