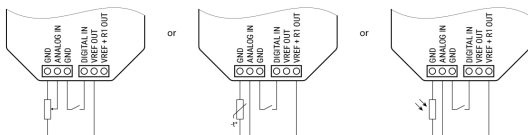
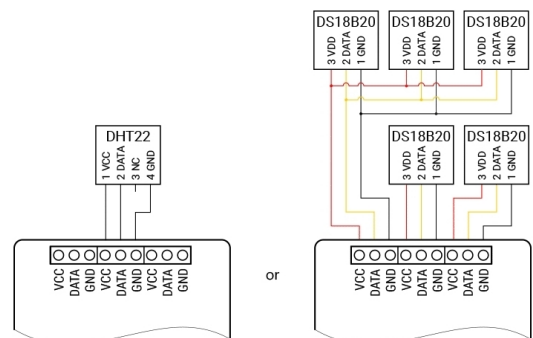


SHELLY PLUS ADD-ON

Shelly Add-on for Shelly Plus (excluding probes)

Product Overview

Shelly Add-on for Shelly Plus (excluding probes), Galvanically Isolated Sensor Interface for All Shelly Plus relays, Use IT to measure temperature and Humidity using ITS 1-wire terminals, Connect various Analog and Digital sensors for complex Automation and higher efficiency



Specifications

Overview:

What is Shelly Plus Add-on?

Shelly Plus Add-on is a galvanically isolated sensor interface for all Shelly Plus relays. Use it to measure temperature and humidity using its 1-Wire terminals, or connect various analog and digital sensors for complex automation and higher efficiency.

Features:

Shelly Plus Add-on is compatible with most Arduino sensors! Use its digital or analog inputs to measure your desired parameters and create complex automation scenes based on the sensor data.

Specifications:

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Specifications	
Product Code	SHELLY PLUS ADD-ON
PHYSICAL	
Size (HxWxD)	37x42x15 +/-0.5 mm / 1.46 x 1.65 x 0.59 +/-0.02 in
Weigh	105 g / 3.70 oz
Shell material	Plastic
Screw terminals max torque	0.1 Nm / 0.89 lbin
Conductor cross section	max. 1 mm² / 17 AWG
Conductor stripped length	4.5 mm / 0.18 in
Color	Black
ENVIRONMENTAL	
Ambient temperature	-20 degreesC to 40 degreesC / -5 degreesF to 105 degreesF
Humidity	30 % to 70 % RH
Max. altitude	2000 m / 6562 ft
ELECTRICAL	
Power supply voltage AC	N/A
Power supply voltage DC	3.3 V (from Shelly plus device)
Power consumption	< 0.5 W (without sensors)
OUTPUT CIRCUITS RATINGS	
VCC max. current	10 mA
VREF OUT max. current	1 mA
VREF+R1 OUT resistor	10 kohm
SHELLY PLUS DEVICE FIRMWARE CAPABILITIES	

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Product Specification Sheet

Shelly Plus Addon supporting devices	Shelly Plus devices:
	-Shelly Plus 1/1PM
	-Shelly Plus 2PM
	-Shelly Plus i4/i4DC
	-Shelly Plus 0-10V Dimmer PM
	-Shelly Plus RGBW PM
	Shelly Gen3 devices:
	-Shelly 1/1PM Gen3
	-Shelly i4/i4DC Gen3
	-Shelly Dimmer 0/1-10V PM Gen3
Temperature reading	Depends on the DS18B20 or DHT22 sensors
Humidity reading	Depends on the DHT22 sensor
Digital input	-15 V to 0.5 V (True) / 2.5 V to 15 V (False)
Analog input range	0 to 100%
Analog input report threshold	1%
Voltmeter range	0 to 10 V
Voltmeter report threshold	0.1 V
Analog input / Voltmeter accuracy	Better than +/-5%

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/SHELLY-PLUS-ADD-ON-Shelly-Add-on-for-Shelly-Plus-excluding-Buy-p-315526.php>

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