Shelly PRO Sensor Add-on

Galvanically isolated multi-sensor DIN-rail accessory



EAN code: 3800238073459

Product description

The Shelly PRO Sensor Add-on is a galvanically isolated DIN-rail accessory that transforms compatible Shelly Pro devices into powerful sensor hubs. It provides two 1-Wire data terminals, two analog inputs (0-10 V), two digital inputs (±15 V) and one potential-free solid-state relay output — all in a compact module mounted alongside an existing Shelly Pro device.

The module is powered with 12 V from the host device and communicates via Shelly's internal serial interface — no separate power supply, network configuration or external controller needed.

It supports DS18B20 and DHT22 sensors, NTC resistors, PIR sensors, soil moisture, photoresistors and most Arduino-compatible analog sensors.

Technical data

Physical	
Size (HxWxD):	94 x 19 x 69 mm / 3.70 x 0.75 x 2.71 in
Weight:	45 g / 1.59 oz
Mounting:	DIN rail
Conductor cross section:	0.2 to 0.5 mm² / 24 to 20 AWG
Conductor stripped length:	5 to 8 mm / 0.20 to 0.31 in
Environmental	
Ambient working temperature:	-20 °C to 40 °C / -5 °F to 105 °F
Humidity:	30 % to 70 % RH
Max. altitude:	2000 m / 6562 ft
Electrical	
Power supply:	12 V (from compatible Shelly device)
Power consumption:	< 0.5 W (without sensors)
Inputs:	2× 1-Wire, 2× analog (0-10 V), 2× digital (±15 V)
Output:	1× potential-free SSR, max. 30 V / 300 mA

