

# Energybar

EB/BAR6-02-030



- Granular energy monitoring on circuit level in real time
- Connecting to Energypro for power and data transmission
- Measuring up to 6 circuits at max. 30A each
- Daisy chain up to 4 Energybar
- Status LED

A granular energy metering device with 6 individual sensors integrated into a slim and niche design which makes it perfect for a clean and quick installation. The device measures up to 6 circuits at max. 30A per sensor and consists of simple bus cabling with daisy chain connections.



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## Product Specification

### Electrical Specification

Operating Voltage 3.3V (nominal)  
Dielectric Strength 4kV rms

### Measurement Capacity

Window Size DIA 0.27" / 6.8mm  
Current 6 Channel 0-30A  
Frequency 50-60Hz  
Accuracy 2%

### Mechanical Specification

Material Flame-retardant PC (UL94-V0)  
Size L1.59" x W4.3" x H0.62"  
L40.2 x W109 x H15.7mm  
Weight 0.13lbs / 58.4g

### Environmental Conditions

Location Indoor fixed installation  
Operating Temp. 14°F to 122°F / -10°C to +50°C  
Storage Temp. -22°F to 185°F / -30°C to +85°C  
Humidity Max. 90% non-condensing

### Wiring Specification

Sensorbus Connection  
Connector SATA / RJ45 via Sensorbus Extender  
Starter Cable Length SATA - Max. 4.92ft / 1.5m  
RJ45 - Max. 13ft / 4m

### Regulatory

Safety UL 916  
Mark CE, RoHS, WEEE

### Accessories

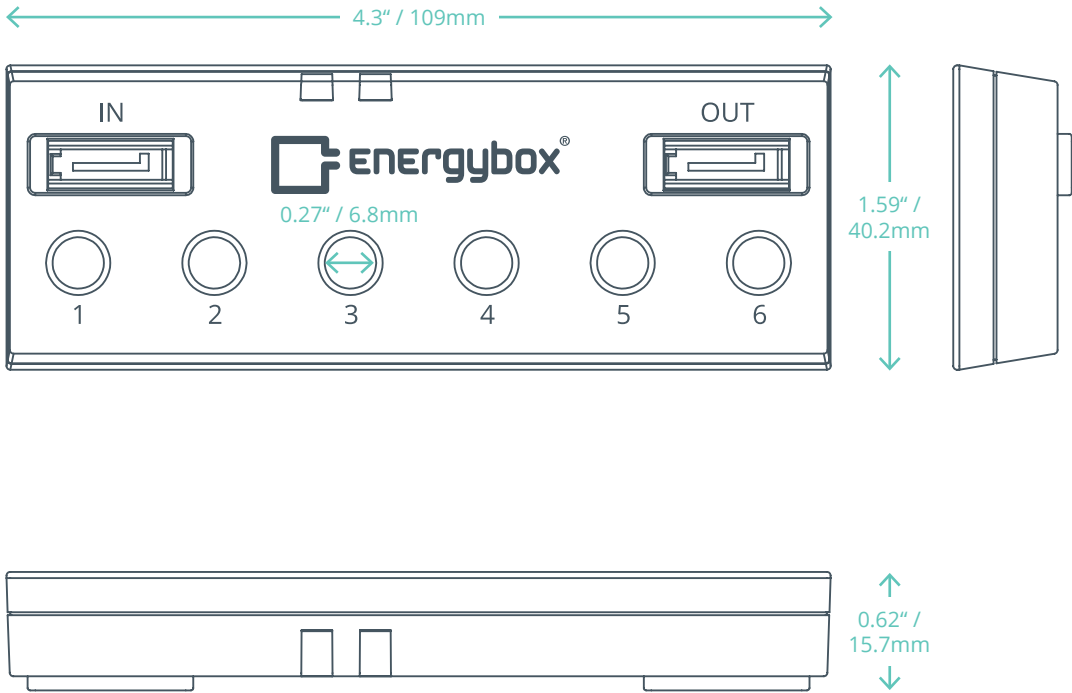
Wire Connection to Energypro  
EB/BARSC-00-005 Energybar Starter Cable 0.5m  
EB/BARSC-00-015 Energybar Starter Cable 1.5m  
EB/SBEX-00-SATA/ Sensorbus Extender via LAN  
RJ45  
Wire Interconnection between Energybar  
EB/BARIC-00-001 Energybar Interconnection Cable 0.1m  
EB/BARIC-00-005 Energybar Interconnection Cable 0.5m

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## Dimensions



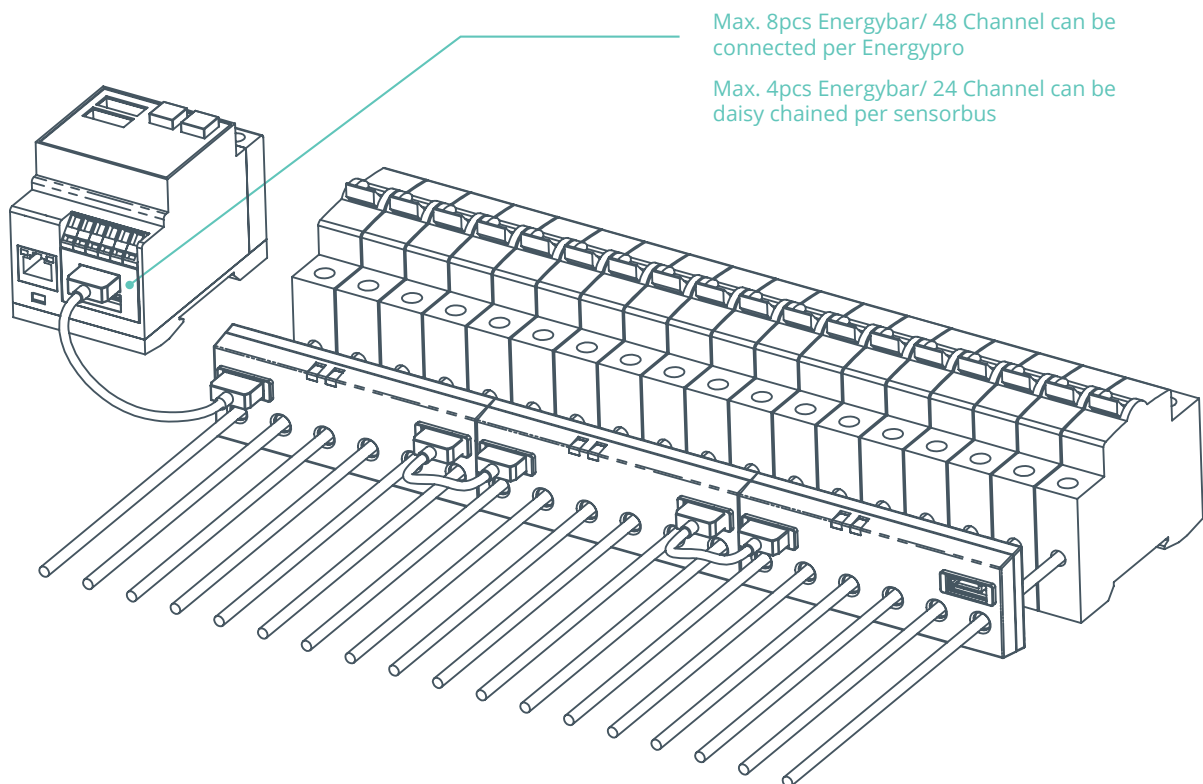
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## Installation

### Energybar System



# Energybar

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## Installation

Energybox System

Energybar

Energyspider

Energypro

EnergyCT

CT1 to L1  
CT2 to L2  
CT3 to L3

